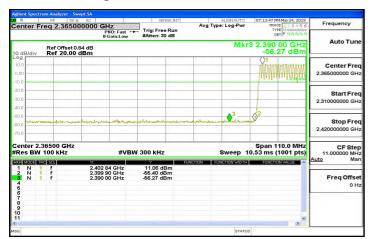


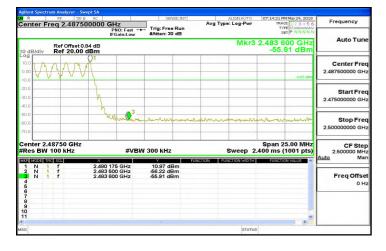
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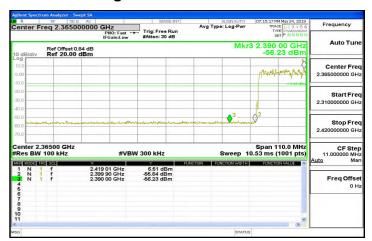
# 3ANT Hopping mode BR Band Edge CH-Low



## BR Band Edge CH-High



### EDR Band Edge CH-Low



### EDR Band Edge CH-High



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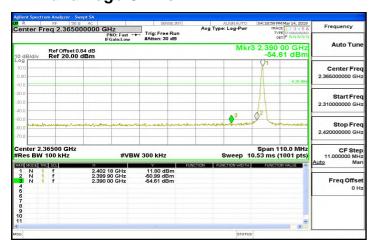
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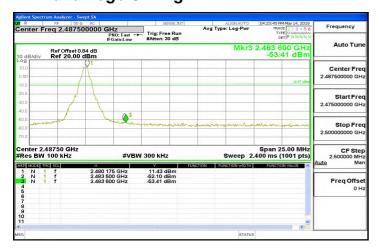
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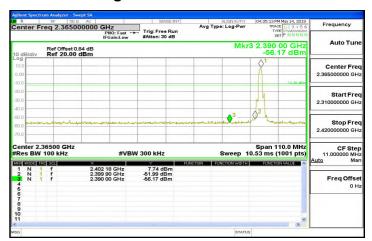
# Non-Hopping BR Band Edge CH-Low



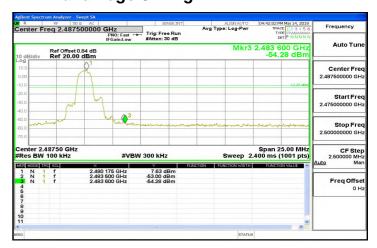
## BR Band Edge CH-High



### EDR Band Edge CH-Low



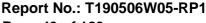
## EDR Band Edge CH-High



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#### Spurious Emission\_GFSK\_1M\_DH5\_2402MHz



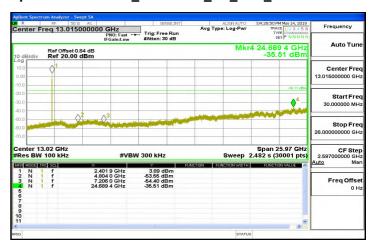
#### Spurious Emission\_GFSK\_1M\_DH5\_2441MHz



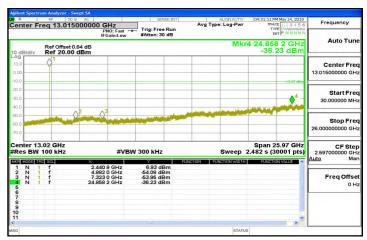
#### Spurious Emission\_GFSK\_1M\_DH5\_2480MHz



#### Spurious Emission\_π4DQPSK\_2M\_DH5\_2402MHz



### Spurious Emission\_π4DQPSK\_2M\_DH5\_2441MHz



#### Spurious Emission\_π4DQPSK\_2M\_DH5\_2480MHz



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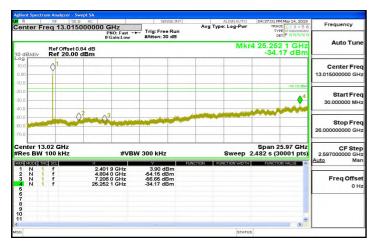
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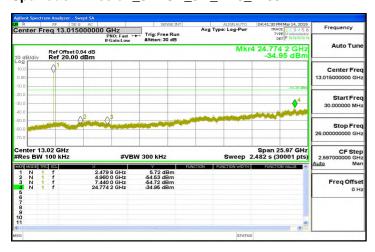
#### Spurious Emission\_8DPSK\_3M\_DH5\_2402MHz



#### Spurious Emission\_8DPSK\_3M\_DH5\_2441MHz



### Spurious Emission\_8DPSK\_3M\_DH5\_2480MHz



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### 10 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

#### **Standard Applicable** 10.1

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands, must also comply with the §15.209 & RSS-Gen §8.10 Table 6 limit.

And according to §15.33(a) (1) & RSS-Gen §8.9 Table 4 & 5, for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

#### Note:

- 1. The lower limit shall apply at the transition frequencies.
- Emission level (dBμV/m) = 20 log Emission level (dBμV/m)

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## 10.2 Measurement Equipment Used

	966A Chamber								
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due				
Band Reject Filters	MICRO TRONICS	BRM 50702	120	02/26/2019	02/25/2020				
Bilog Antenna	Sunol Sciences	JB3	A030105	07/13/2018	07/12/2019				
Cable	HUBER SUHNER	SUCOFLEX 104PEA	25157	02/26/2019	02/25/2020				
Cable	HUBER SUHNER	SUCOFLEX 104PEA	20995	02/26/2019	02/25/2020				
Digital Ther- mo-Hygro Meter	WISEWIND	1206	D07	01/30/2019	01/29/2020				
double Ridged Guide Horn Anten- na	ETC	MCTD 1209	DRH13M02003	08/20/2018	08/19/2019				
Loop Antenna	COM-POWER	AL-130	121051	03/22/2019	03/21/2020				
Pre-Amplifier	EMEC	EM330	060609	02/26/2019	02/25/2020				
Pre-Amplifier	HP	8449B	3008A00965	02/26/2019	02/25/2020				
DC Power Supply	Agilent	E3640A	KR93300208	08/15/2018	08/14/2019				
DC Power Supply	Agilent	E3640A	MY40000811	12/11/2018	12/10/2019				
PSA Series Spectrum Analyzer	Agilent	E4446A	MY46180323	05/31/2018	05/30/2019				
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R				
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R				
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R				
Software		e3	V6.11-20180413						

NOTE: N.C.R refers to Not Calibrated Required.

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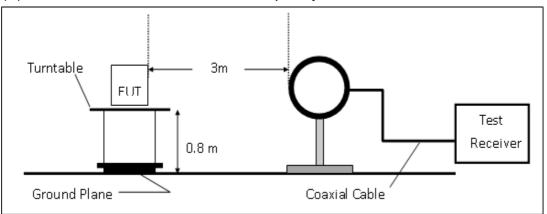
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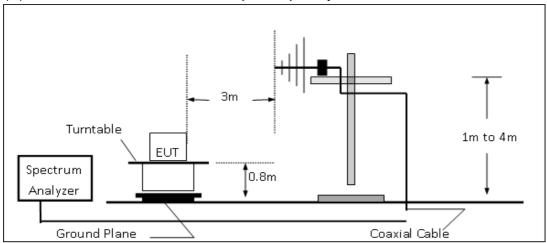


#### 10.3 Test SET-UP

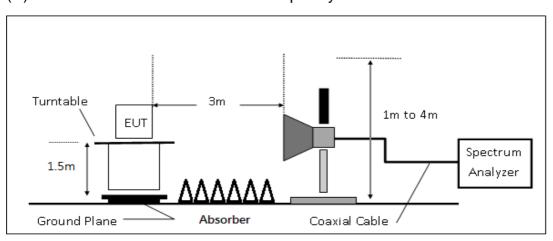
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



### (B) Radiated Emission Test Set-Up, Frequency form 30MHz to 1000MHz



### (C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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#### 10.4 Measurement Procedure

#### **Radiated Emission**

- 1. The testing follows ANSI C63.10:2013. Measurement Guidelines.
- 2. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 0.8m for frequency> 1GHz above ground plan.
- 3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
- 4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
- 5. Set the spectrum analyzer as RBW=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
- 6. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Peak Detector at frequency above 1 GHz.
- 7. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Du-ty cycle < 98%) for Average Detector at frequency above 1 GHz.
- 8. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
- 9. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 10. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
- 11. Repeat above procedures until all frequency of the interest measured were complete.

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### 10.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

The limit of the emission level is expressed in dBuV/m, which converts 20\*log(uV/m)

Actual FS(dB $\mu$ V/m) = SPA. Reading level(dB $\mu$ V) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) - Pre Amplifier Gain(dB)

### 10.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

### 10.7 Measurement Result

Note: Refer to next page spectrum analyzer data chart and tabular data sheets.

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### **Radiated Band Edge Measurement Result:**

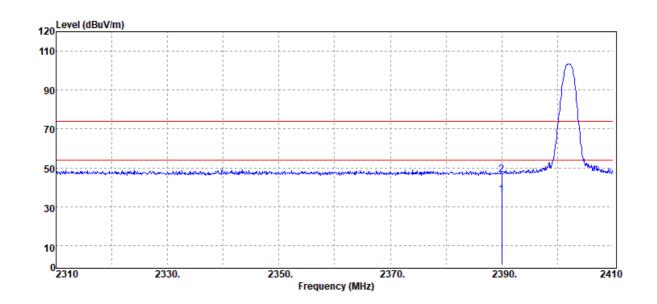
### 2ANT

:T190506W05 **Project Number Operation Band** :BT BR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21

Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :VERTICAL

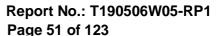


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2390.00	Average	39.39	-3.38	36.01	54.00	-17.99
2390.00	Peak	49.94	-3.38	46.56	74.00	-27.44

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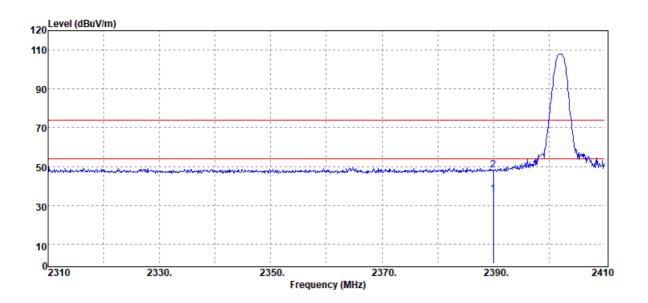


**Project Number** :T190506W05 **Operation Band** :BT BR **Fundamental Frequency** :2402 MHz **Operation Mode** :BE CH Low EUT Pol.

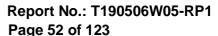
:E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



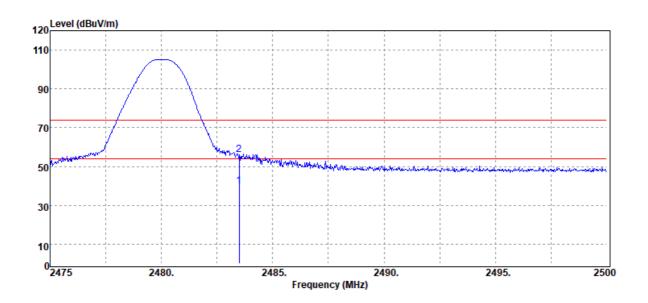
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.21	-3.38	35.83	54.00	-18.17
2390.00	Peak	51.62	-3.38	48.24	74.00	-25.76



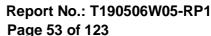


**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
	MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
- :	2483.50	Average	42.61	-2.83	39.78	54.00	-14.22
2	2483.50	Peak	58.77	-2.83	55.94	74.00	-18.06

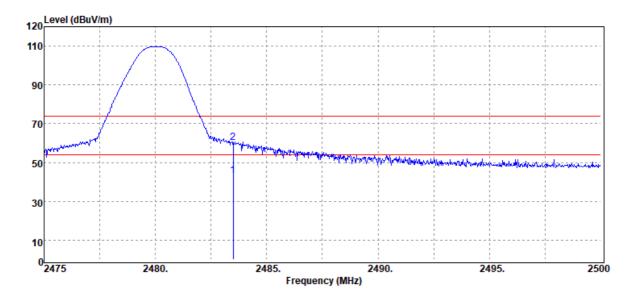




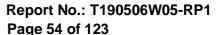
**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :HORIZONTAL





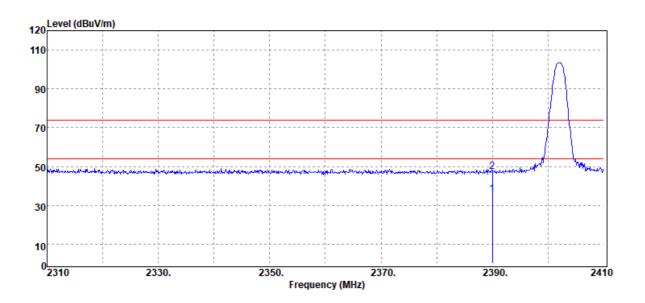
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	45.83	-2.83	43.00	54.00	-11.00
2483.50	Peak	63.02	-2.83	60.19	74.00	-13.81



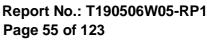


**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.10	-3.38	35.72	54.00	-18.28
2390.00	Peak	50.89	-3.38	47.51	74.00	-26.49

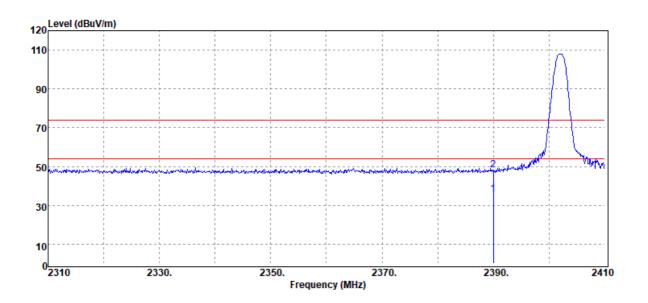




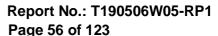
**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



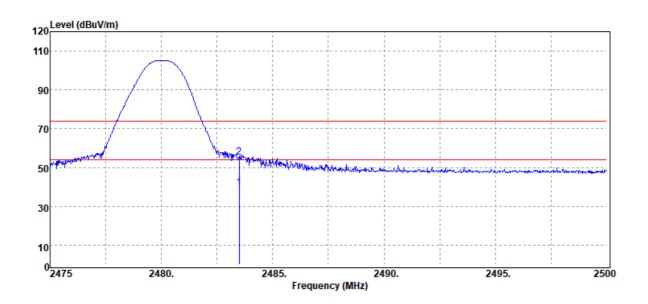
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		Mode	Reading Level		FS	@3m	
	MHz	PK/QP/AV	dΒμV	dB	dBμV/m	dBµV/m	dB
2	2390.00	Average	39.07	-3.38	35.69	54.00	-18.31
2	2390.00	Peak	51.63	-3.38	48.25	74.00	-25.75





**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	42.17	-2.83	39.34	54.00	-14.66
2483.50	Peak	57.89	-2.83	55.06	74.00	-18.94

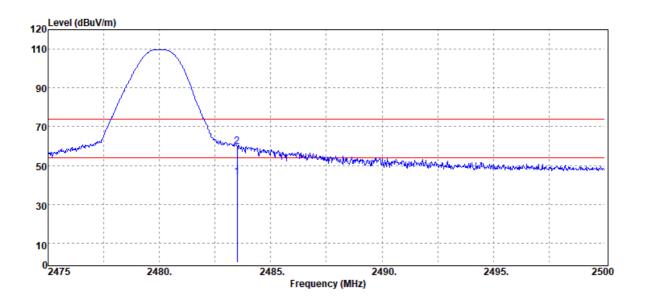


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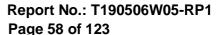
**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-22 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



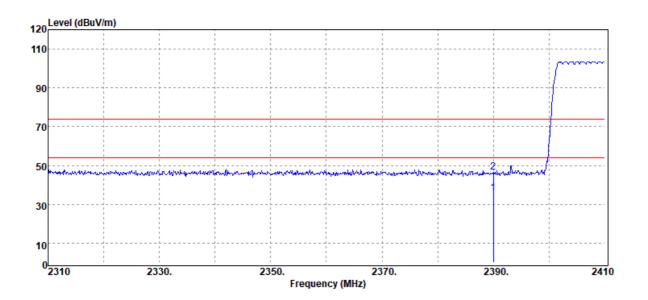
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.50	Average	46.75	-2.83	43.92	54.00	-10.08
2483.50	Peak	62.50	-2.83	59.67	74.00	-14.33



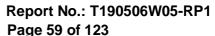


**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	38.95	-3.38	35.57	54.00	-18.43
2390.00	Peak	49.83	-3.38	46.45	74.00	-27.55

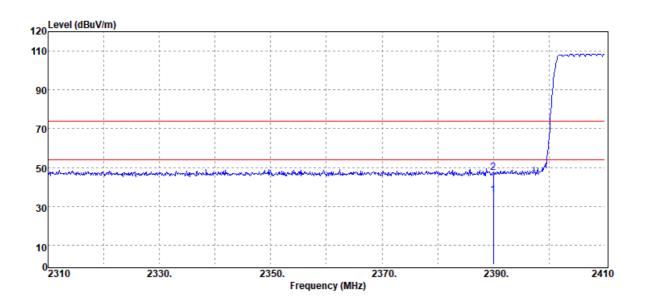




**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL

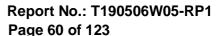


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.03	-3.38	35.65	54.00	-18.35
2390.00	Peak	50.78	-3.38	47.40	74.00	-26.60

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Offices otherwise stated the testins shown in this est report refer only to the sample(s) tested and social sample(s) are retained for 30 days only. 

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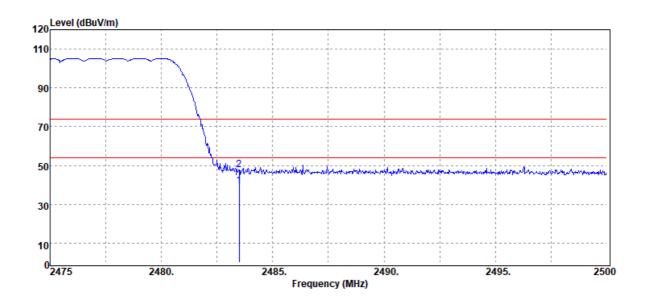




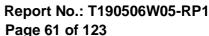
**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT BR Hopping :2480 MHz :BE CH High :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.50	Average	42.46	-2.83	39.63	54.00	-14.37
2483.50	Peak	50.38	-2.83	47.55	74.00	-26.45

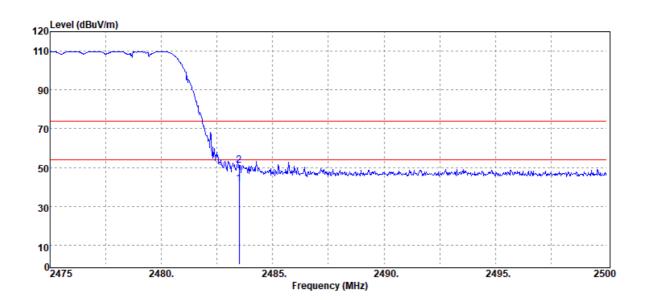




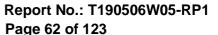
**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol.

:HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.50	Average	44.27	-2.83	41.44	54.00	-12.56
2483.50	Peak	53.84	-2.83	51.01	74.00	-22.99

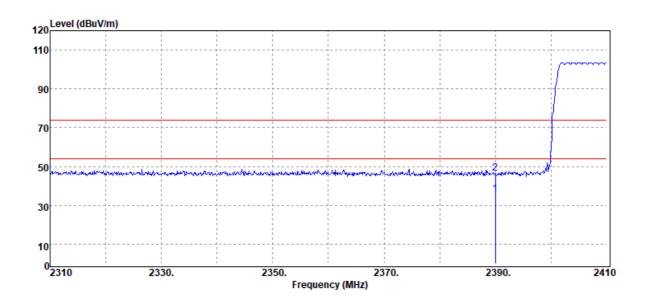




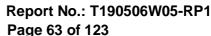
**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT EDR Hopping :2402 MHz :BE CH Low :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	38.90	-3.38	35.52	54.00	-18.48
2390.00	Peak	49.96	-3.38	46.58	74.00	-27.42





**Project Number Operation Band** Fundamental Frequency

**Operation Mode** EUT Pol.

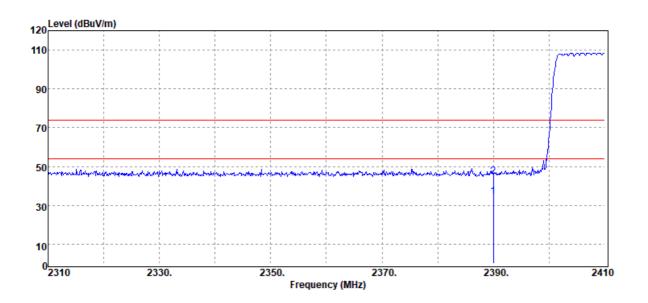
:T190506W05 :BT EDR Hopping

:2402 MHz

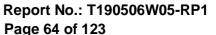
:BE CH Low :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2390.00	Average	37.95	-3.38	34.57	54.00	-19.43
2390.00	Peak	48.38	-3.38	45.00	74.00	-29.00

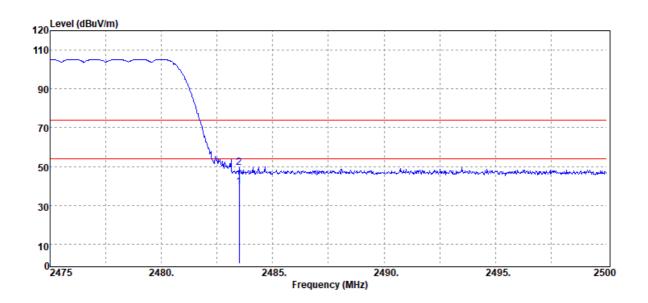




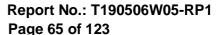
**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT EDR Hopping :2480 MHz :BE CH High :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	42.27	-2.83	39.44	54.00	-14.56
2483.50	Peak	52.39	-2.83	49.56	74.00	-24.44





**Project Number Operation Band** Fundamental Frequency

**Operation Mode** EUT Pol.

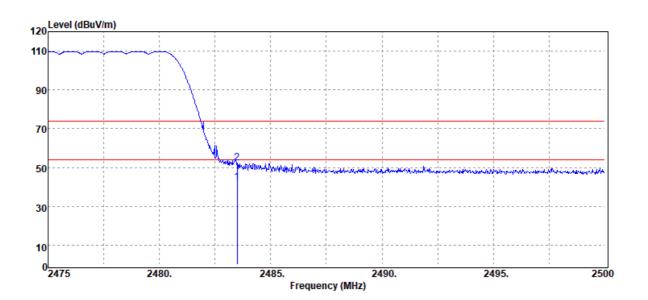
:T190506W05 :BT EDR Hopping

:2480 MHz

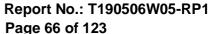
:BE CH High :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.50	Average	45.11	-2.83	42.28	54.00	-11.72
2483.50	Peak	55.14	-2.83	52.31	74.00	-21.69

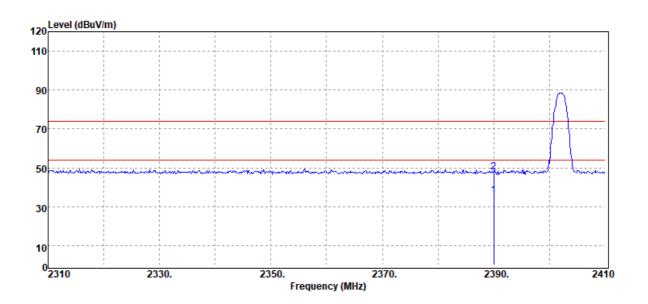




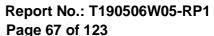
#### 3ANT

**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2390.00	Average	39.09	-3.38	35.71	54.00	-18.29
2390.00	Peak	51.00	-3.38	47.62	74.00	-26.38





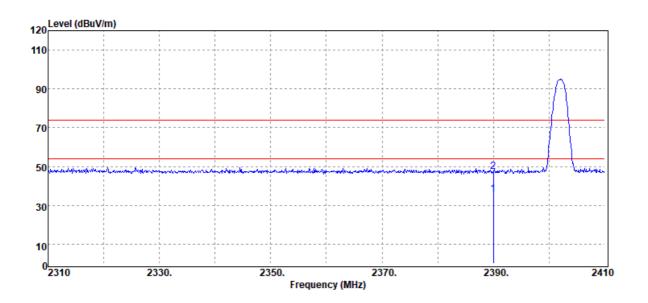
EUT Pol.

**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low

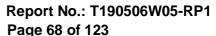
:E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



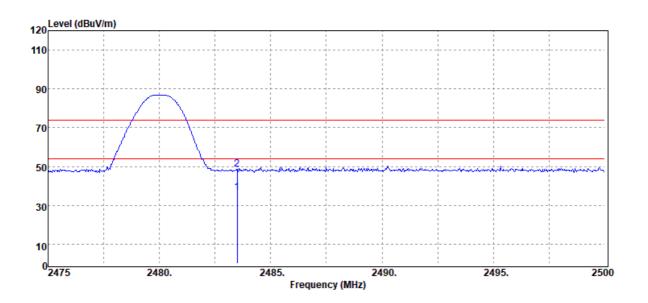
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.20	-3.38	35.82	54.00	-18.18
2390.00	Peak	50.91	-3.38	47.53	74.00	-26.47



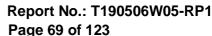


**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



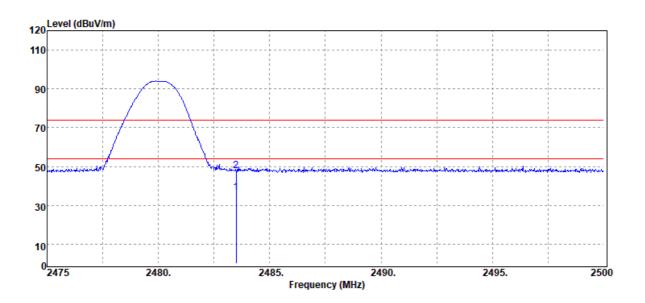
	Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
	MHz	PK/QP/AV	dBµV	dB	dBμV/m	dBµV/m	dB
2	2483.50	Average	39.24	-2.83	36.41	54.00	-17.59
2	2483.50	Peak	51.43	-2.83	48.60	74.00	-25.40



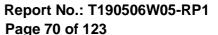


**Project Number** :T190506W05 **Operation Band** :BT BR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :HORIZONTAL



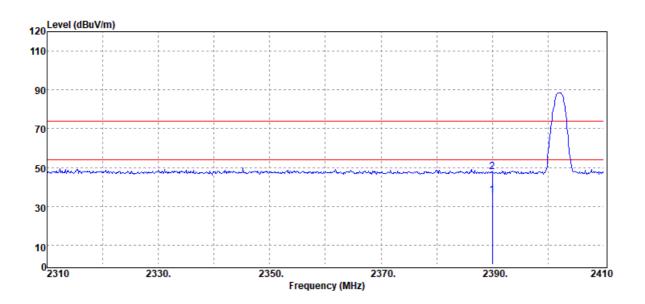
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	39.28	-2.83	36.45	54.00	-17.55
2483.50	Peak	50.70	-2.83	47.87	74.00	-26.13



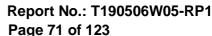


**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	38.96	-3.38	35.58	54.00	-18.42
2390.00	Peak	51.22	-3.38	47.84	74.00	-26.16

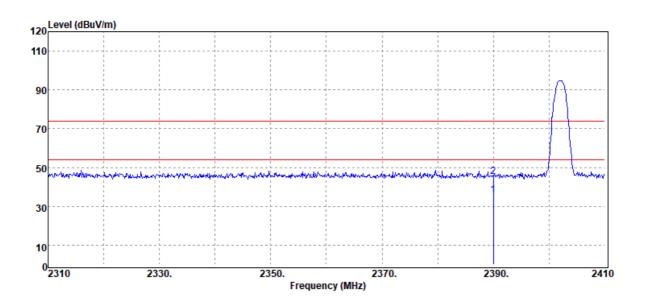




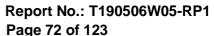
**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



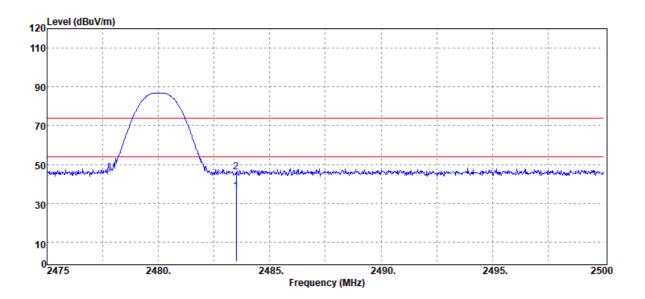
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	38.93	-3.38	35.55	54.00	-18.45
2390.00	Peak	48.81	-3.38	45.43	74.00	-28.57



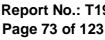


**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Fr	eq.	Detector	Spectrum	Factor	Actual	Limit	Margin
		Mode	Reading Level		FS	@3m	
M	Hz	PK/QP/AV	dBµV	dB	dBμV/m	dBµV/m	dB
248	3.50	Average	39.11	-2.83	36.28	54.00	-17.72
248	3.50	Peak	48.84	-2.83	46.01	74.00	-27.99

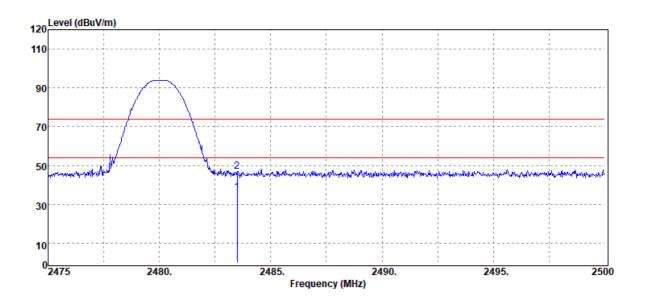




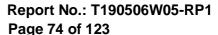
**Project Number** :T190506W05 **Operation Band** :BT EDR Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



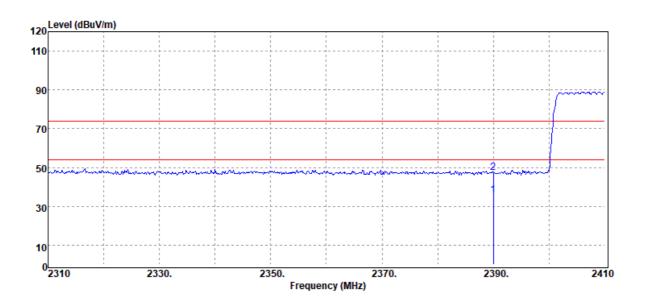
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	39.14	-2.83	36.31	54.00	-17.69
2483.50	Peak	49.93	-2.83	47.10	74.00	-26.90



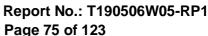


**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2390.00	Average	39.03	-3.38	35.65	54.00	-18.35
2390.00	Peak	50.90	-3.38	47.52	74.00	-26.48

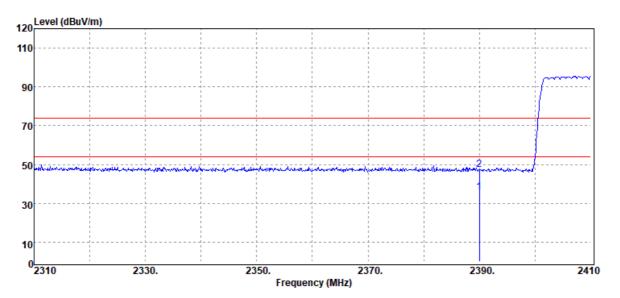




**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2402 MHz **Operation Mode** :BE CH Low

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :HORIZONTAL



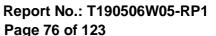


Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2390.00	Average	39.07	-3.38	35.69	54.00	-18.31
2390.00	Peak	50.91	-3.38	47.53	74.00	-26.47

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Offices otherwise stated the testins shown in this est report refer only to the sample(s) tested and social sample(s) are retained for 30 days only. 

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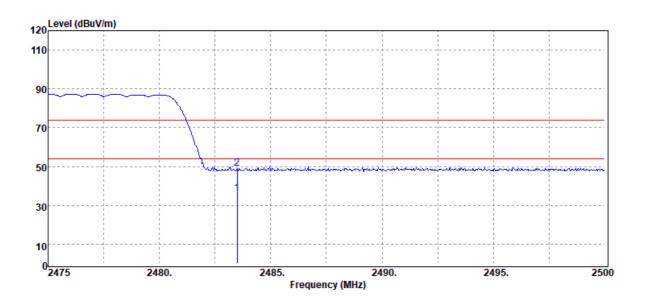




**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT BR Hopping :2480 MHz :BE CH High :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBμV/m	dB
2483.50	Average	38.97	-2.83	36.14	54.00	-17.86
2483.50	Peak	51.72	-2.83	48.89	74.00	-25.11

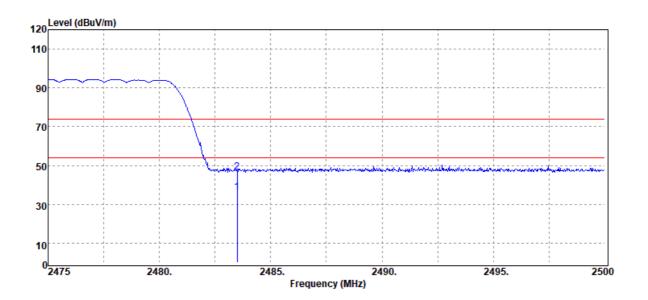


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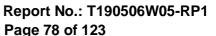
**Project Number** :T190506W05 **Operation Band** :BT BR Hopping Fundamental Frequency :2480 MHz **Operation Mode** :BE CH High EUT Pol. :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	39.03	-2.83	36.20	54.00	-17.80
2483.50	Peak	49.52	-2.83	46.69	74.00	-27.31

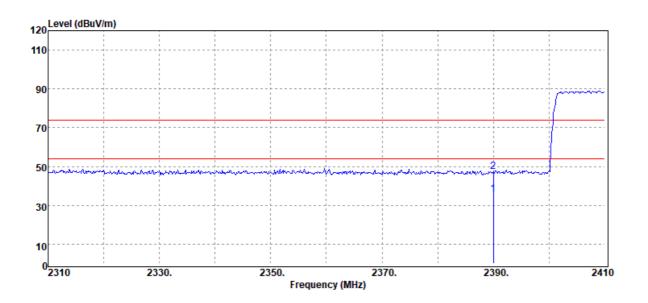




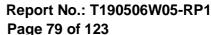
**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT EDR Hopping :2402 MHz :BE CH Low :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.04	-3.38	35.66	54.00	-18.34
2390.00	Peak	50.55	-3.38	47.17	74.00	-26.83





**Project Number Operation Band** Fundamental Frequency

**Operation Mode** EUT Pol.

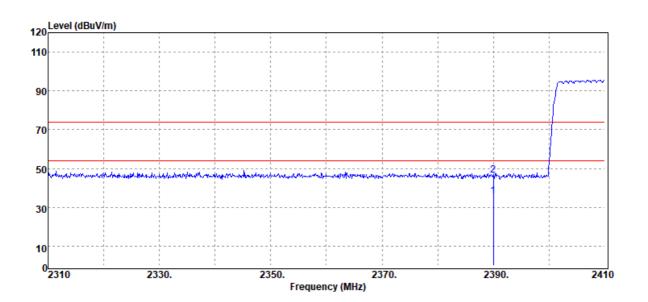
:T190506W05

:BT EDR Hopping :2402 MHz

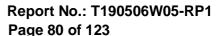
:BE CH Low :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane

Measurement Antenna Pol. :HORIZONTAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2390.00	Average	39.01	-3.38	35.63	54.00	-18.37
2390.00	Peak	49.70	-3.38	46.32	74.00	-27.68

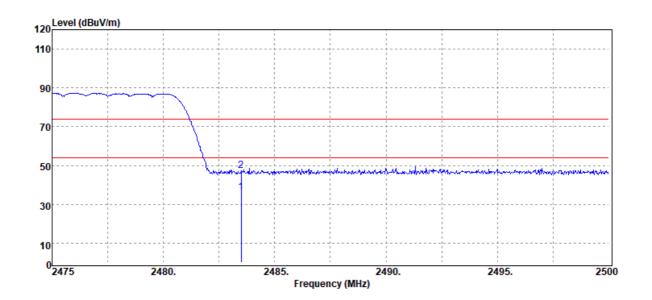




**Project Number Operation Band** Fundamental Frequency **Operation Mode** EUT Pol.

:T190506W05 :BT EDR Hopping :2480 MHz :BE CH High :E2 Plan

**Test Date** :2019-05-21 Temp./Humi. :19/51 Engineer :Kane Measurement Antenna Pol. :VERTICAL



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dΒμV	dB	dBµV/m	dBµV/m	dB
2483.50	Average	38.96	-2.83	36.13	54.00	-17.87
2483.50	Peak	50.30	-2.83	47.47	74.00	-26.53