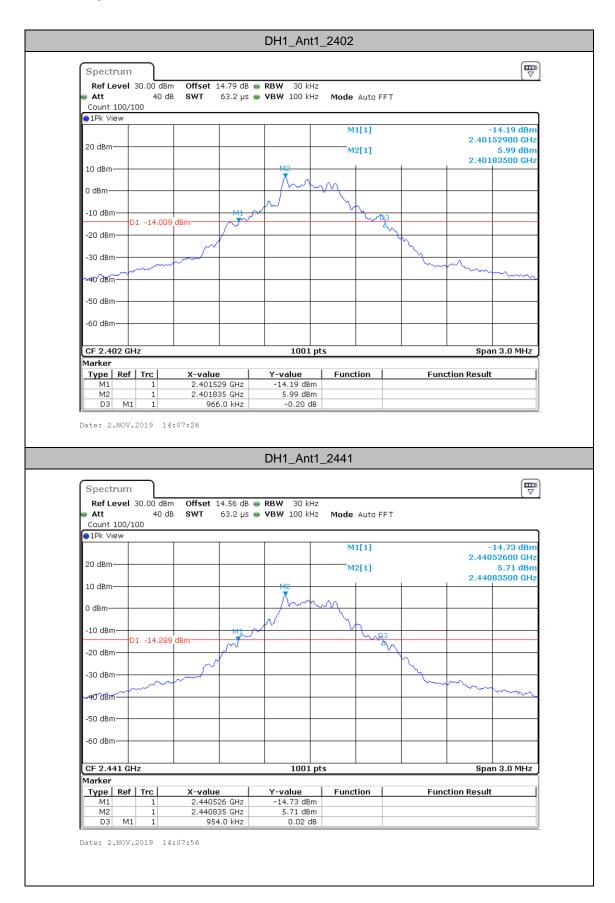
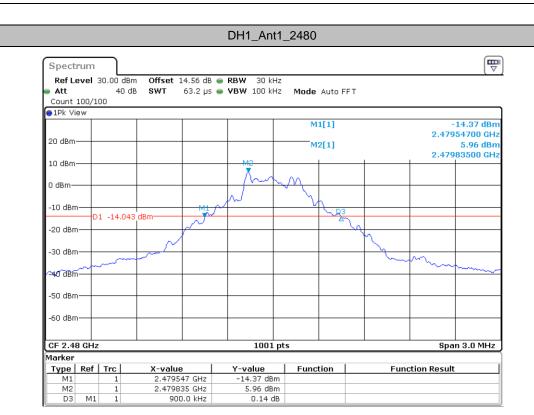
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.966	2401.529	2402.495		PASS
		2441	0.954	2440.526	2441.480		PASS
		2480	0.900	2479.547	2480.447		PASS
2DH1	Ant1	2402	1.248	2401.367	2402.615		PASS
		2441	1.248	2440.367	2441.615		PASS
		2480	1.251	2479.367	2480.618		PASS
3DH1	Ant1	2402	1.260	2401.376	2402.636		PASS
		2441	1.299	2440.364	2441.663		PASS
		2480	1.287	2479.355	2480.642		PASS





Date: 2.NOV.2019 14:08:17

2DH1_Ant1_2402

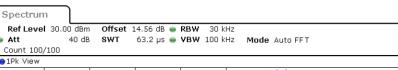


Date: 2.NOV.2019 14:08:48

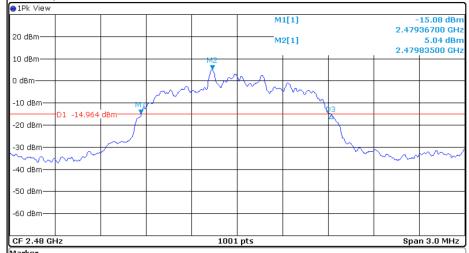
2DH1_Ant1_2441 Spectrum Ref Level 30.00 dBm Offset 14.56 dB @ RBW 30 kHz SWT 63.2 µs • VBW 100 kHz Mode Auto FFT Att 40 dB Count 100/100 1Pk View M1[1] ·15.01 dBn 2.44036700 GHz 20 dBm M2[1] 5.41 dBn 2.44083500 GHz 10 dBm-0 dBm--10 dBm-D1 -14.592 dBm -20 dBm--30 dBm--40 dBm--50 dBm--60 dBm-CF 2.441 GHz 1001 pts Span 3.0 MHz Marker Y-value -15.01 dBm Type | Ref | Trc | Function **Function Result** X-value 2.440367 GHz M2 2.440835 GHz 1.248 MHz 5.41 dBm M1 D3 0.28 dB

Date: 2.NOV.2019 14:09:18

Att

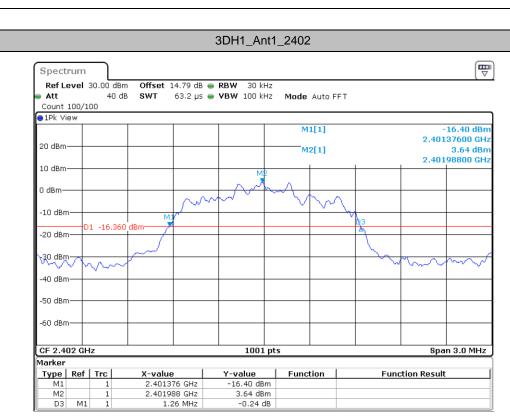


2DH1_Ant1_2480



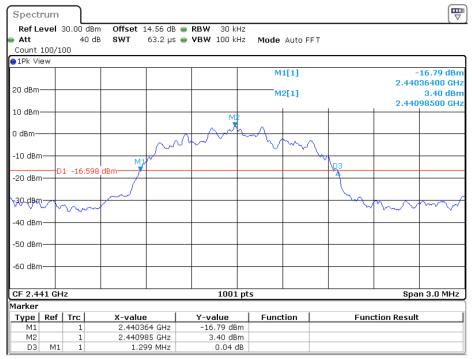
Marker Type | Ref | Trc | X-value Y-value Function **Function Result** 2.479367 GHz -15.08 dBm 5.04 dBm M2 2.479835 GHz -0.06 dB

Date: 2.NOV.2019 14:09:38

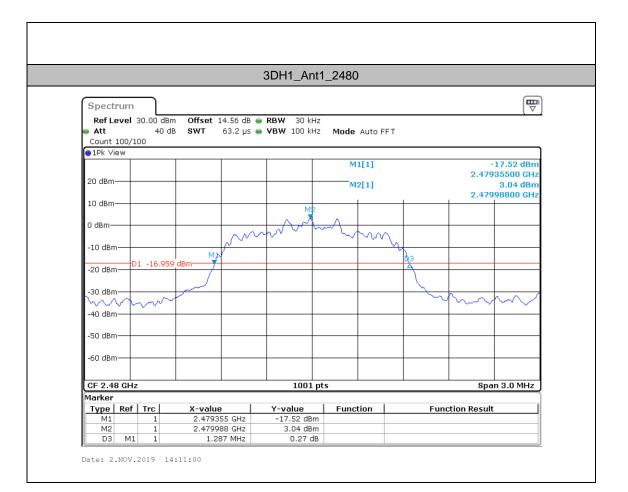


Date: 2.NOV.2019 14:10:09





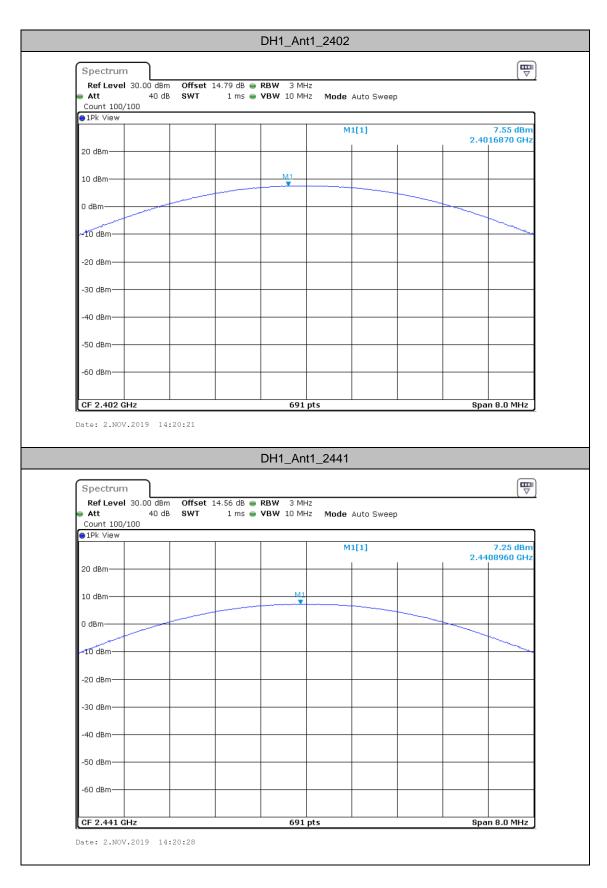
Date: 2.NoV.2019 14:10:39

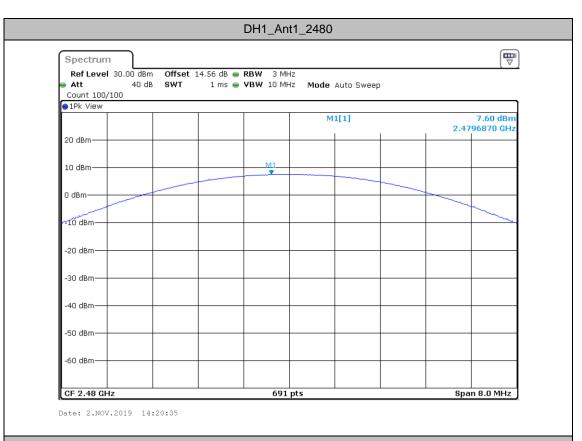


Appendix B: Maximum conducted output power

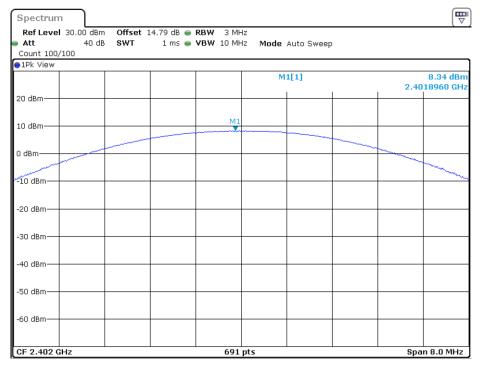
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH1	Ant1	2402	7.55	<=20.97	PASS
		2441	7.25	<=20.97	PASS
		2480	7.60	<=20.97	PASS
2DH1	Ant1	2402	8.34	<=20.97	PASS
		2441	8.06	<=20.97	PASS
		2480	7.96	<=20.97	PASS
3DH1	Ant1	2402	8.76	<=20.97	PASS
		2441	8.37	<=20.97	PASS
		2480	8.29	<=20.97	PASS





2DH1_Ant1_2402



Date: 2.NOV.2019 14:20:42

2DH1_Ant1_2441 Spectrum Offset 14.56 dB • RBW 3 MHz Ref Level 30.00 dBm Att 40 dB SWT 1 ms - VBW 10 MHz Mode Auto Sweep Count 100/100 1Pk View 8.06 dBm 2.4410350 GHz M1[1] 20 dBm-10 dBm-0 dBm--10 dBm--20 dBm -30 dBm--40 dBm--50 dBm -60 dBm-Span 8.0 MHz CF 2.441 GHz 691 pts Date: 2.NOV.2019 14:20:49

Date: 2.NOV.2019 14:20:56

Spectrum Offset 14.56 dB • RBW 3 MHz Ref Level 30.00 dBm 1 ms - VBW 10 MHz Mode Auto Sweep Att 40 dB SWT Count 100/100 1Pk View M1[1] 7.96 dBm 2.4801850 GHz 20 dBm-10 dBm-0 dBm -10 dBm--20 dBm--30 dBm--40 dBm--50 dBm--60 dBm-CF 2.48 GHz 691 pts Span 8.0 MHz

2DH1_Ant1_2480

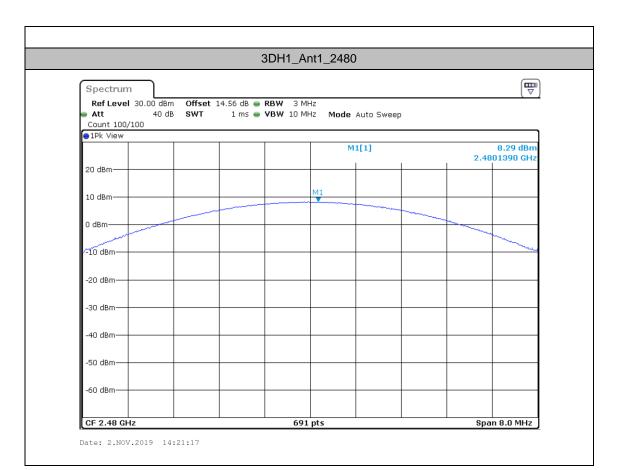
3DH1_Ant1_2402 Spectrum Offset 14.79 dB • RBW 3 MHz Ref Level 30.00 dBm 1 ms • VBW 10 MHz Mode Auto Sweep Att 40 dB SWT Count 100/100 1Pk View 8.76 dBm 2.4019540 GHz M1[1] 20 dBm-10 dBm-0 dBm--10 dBm--20 dBm--30 dBm--40 dBm--50 dBm -60 dBm-Span 8.0 MHz CF 2.402 GHz 691 pts

Date: 2.NOV.2019 14:21:03

3DH1_Ant1_2441



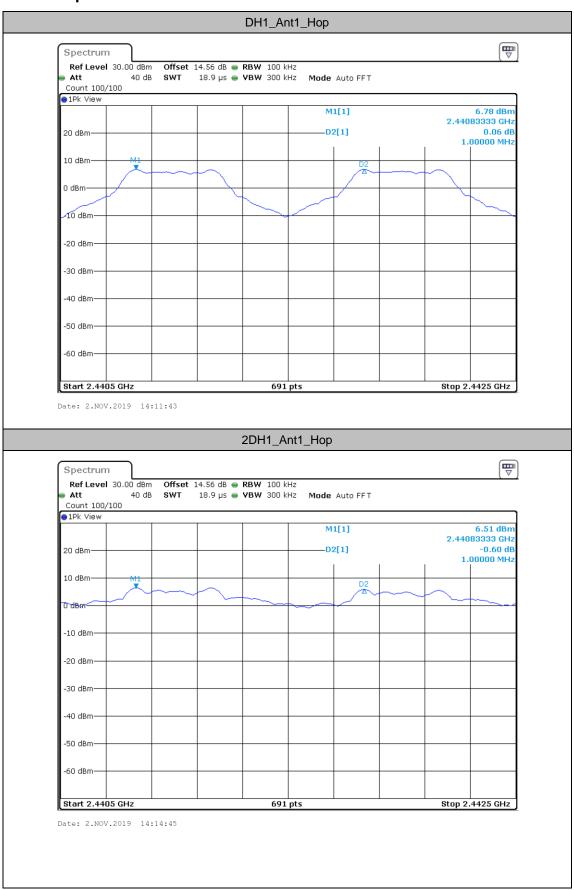
Date: 2.NOV.2019 14:21:10

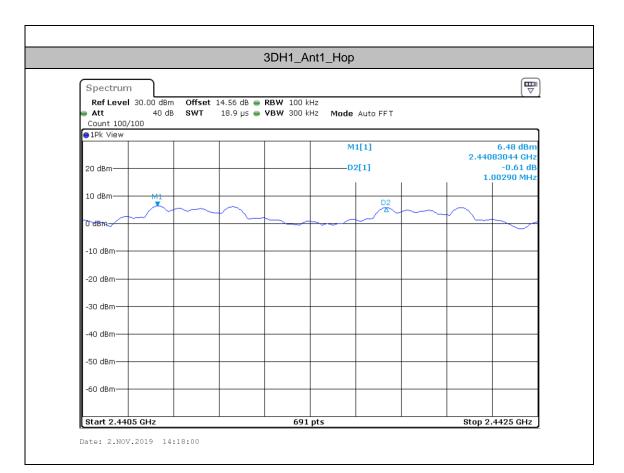


Appendix C: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Нор	1	>=0.636	PASS
2DH1	Ant1	Нор	1	>=0.832	PASS
3DH1	Ant1	Нор	1	>=0.866	PASS

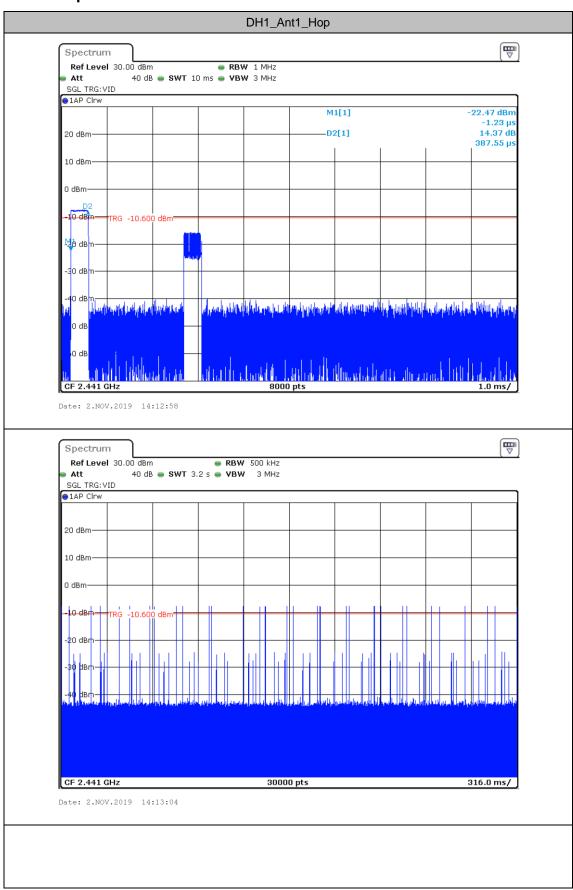




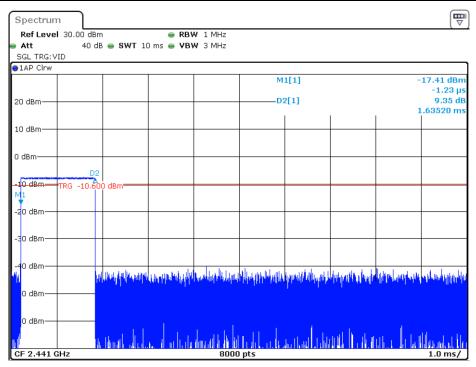
Appendix D: Time of occupancy

Test Result

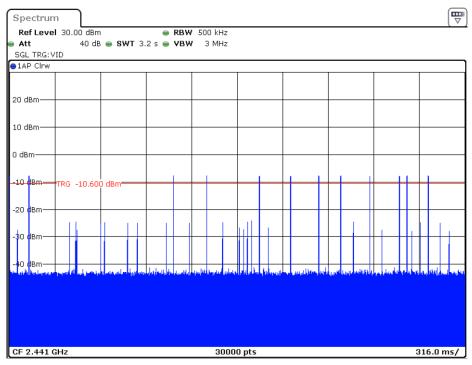
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Нор	0.39	300	0.116	<=0.4	PASS
DH3	Ant1	Нор	1.64	120	0.196	<=0.4	PASS
DH5	Ant1	Нор	2.88	70	0.201	<=0.4	PASS
2DH1	Ant1	Нор	0.38	310	0.117	<=0.4	PASS
2DH3	Ant1	Нор	1.62	100	0.162	<=0.4	PASS
2DH5	Ant1	Нор	2.87	90	0.258	<=0.4	PASS
3DH1	Ant1	Нор	0.38	330	0.125	<=0.4	PASS
3DH3	Ant1	Нор	1.62	80	0.13	<=0.4	PASS
3DH5	Ant1	Нор	2.86	60	0.172	<=0.4	PASS



DH3_Ant1_Hop

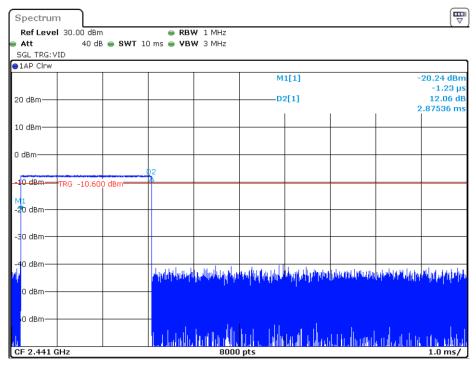


Date: 2.NOV.2019 14:13:37

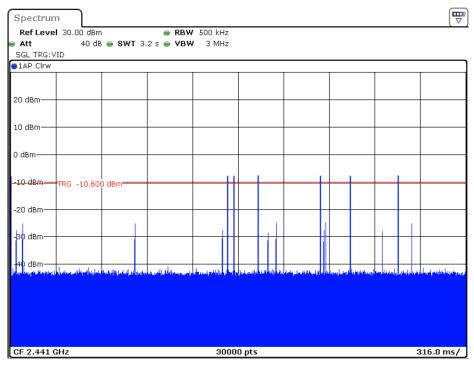


Date: 2.NOV.2019 14:13:43

DH5_Ant1_Hop

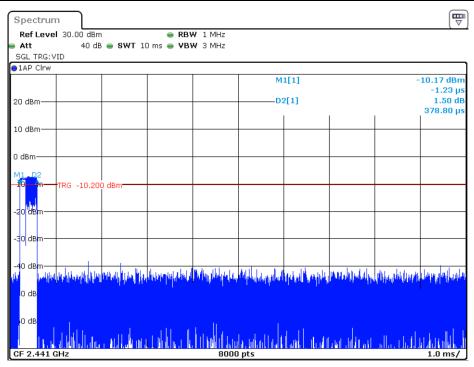


Date: 2.NOV.2019 14:13:17

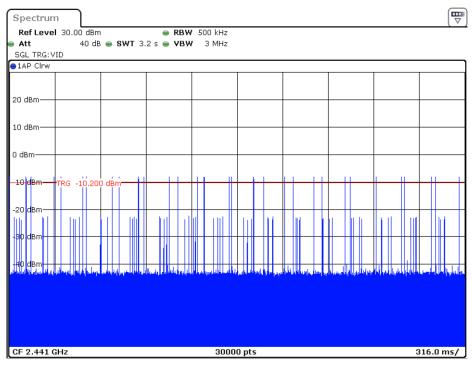


Date: 2.NOV.2019 14:13:24

2DH1_Ant1_Hop

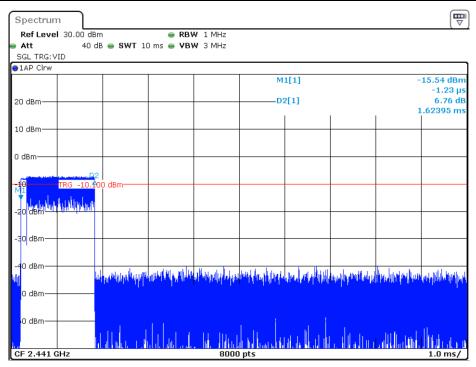


Date: 2.NOV.2019 14:16:25

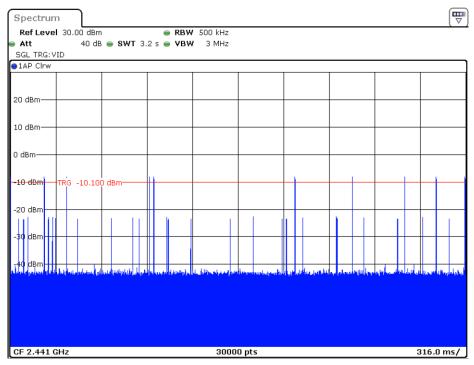


Date: 2.NOV.2019 14:16:30

2DH3_Ant1_Hop

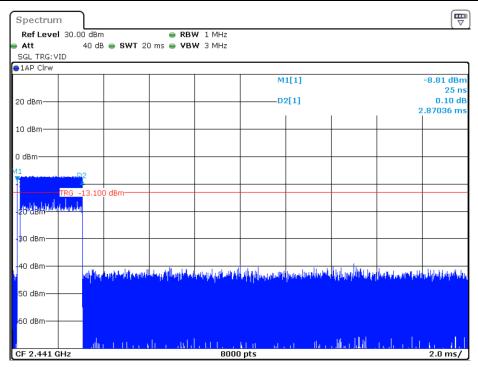


Date: 2.NOV.2019 14:17:06

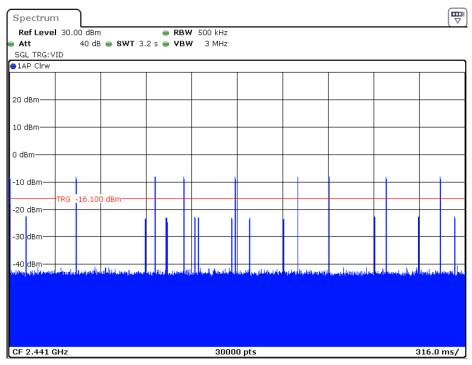


Date: 2.NOV.2019 14:17:11

2DH5_Ant1_Hop

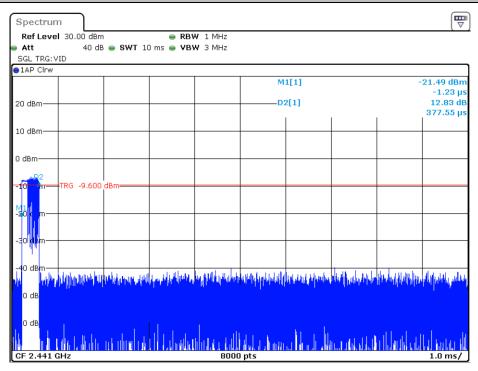


Date: 2.NOV.2019 14:16:46

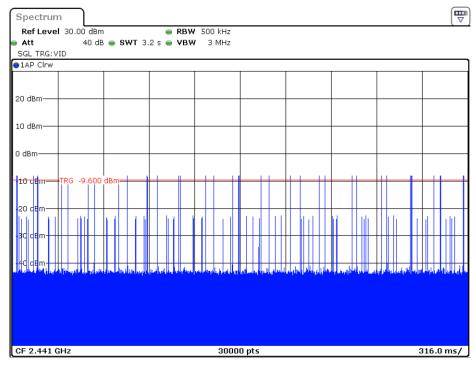


Date: 2.NOV.2019 14:16:51

3DH1_Ant1_Hop

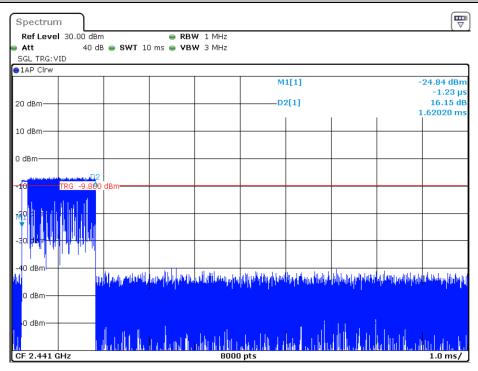


Date: 2.NoV.2019 14:19:19

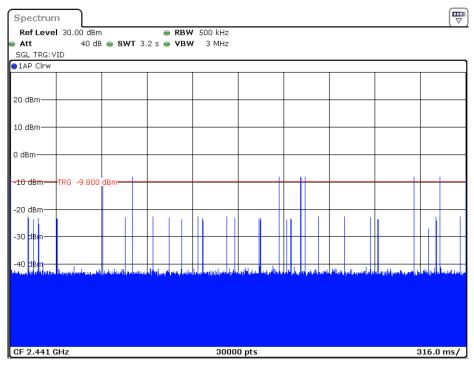


Date: 2.NOV.2019 14:19:24

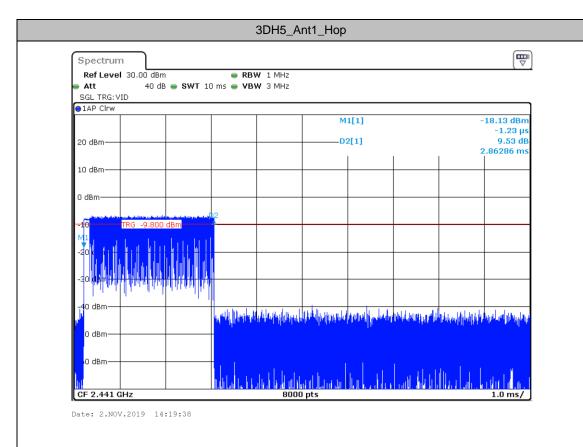
3DH3_Ant1_Hop

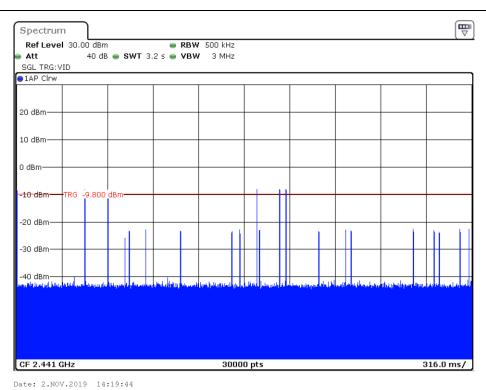


Date: 2.NoV.2019 14:19:57



Date: 2.NOV.2019 14:20:03

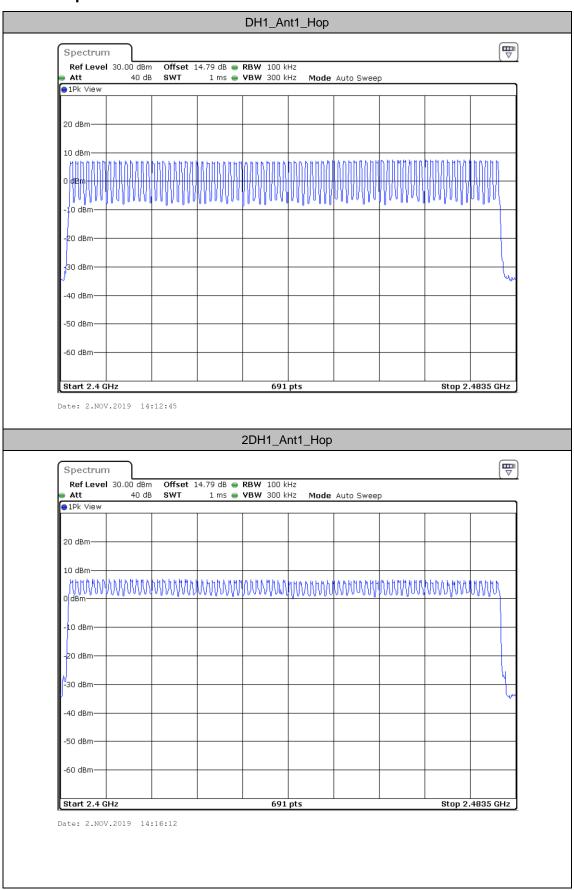


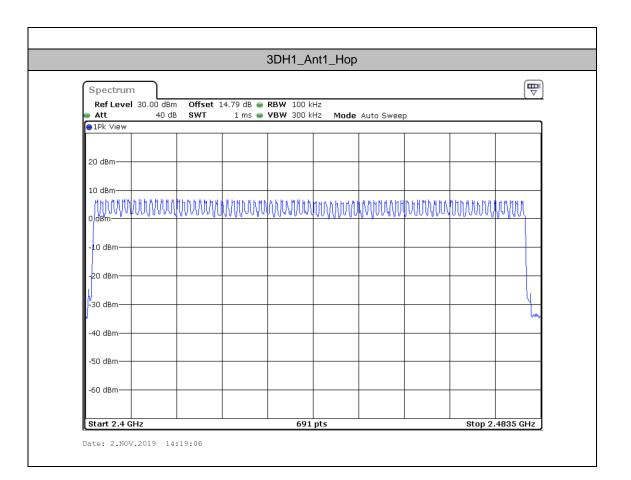


Appendix E: Number of hopping channels

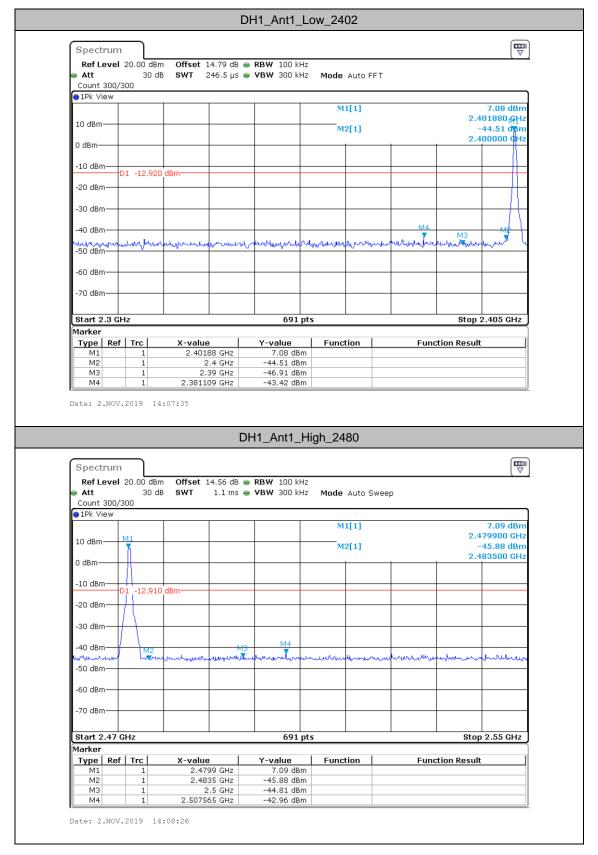
Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Нор	79	>=15	PASS
2DH1	Ant1	Нор	79	>=15	PASS
3DH1	Ant1	Нор	79	>=15	PASS





Appendix F: Band edge measurements



DH1_Ant1_Low_Hop_2402 Spectrum Ref Level 20.00 dBm Offset 14.78 dB RBW 100 kHz Att 30 dB SWT 246.5 µs • VBW 300 kHz Mode Auto FFT Count 300/300 1Pk View M1[1] 6.14 dBn 2.404920 GHz 10 dBm M2[1] -47.21 dBn 2.400000 CHz 0 dBm--10 dBm-D1 -13.860 dBm--20 dBm--30 dBm--40 dBm--50 dBm -60 dBm -70 dBm-Start 2.3 GHz 691 pts Stop 2.405 GHz Marker Type | Ref | Trc | Function **Function Result** X-value Y-value 2.40492 GHz 6.14 dBm -47.21 dBm М2 2.4 GHz 2.39 GHz МЗ -46.63 dBm 2.326935 GHz -44.28 dBm

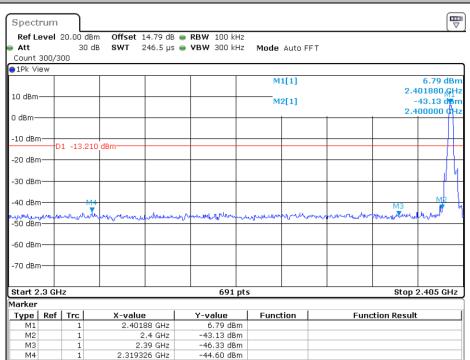
Date: 2.NOV.2019 14:11:20

DH1_Ant1_High_Hop_2480



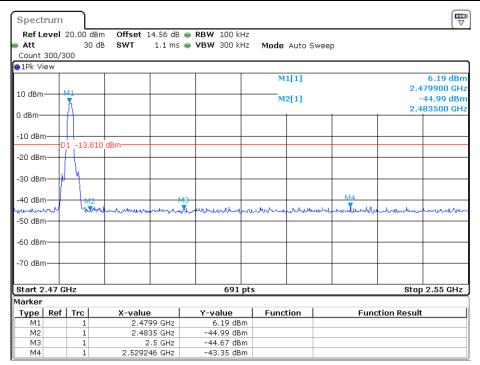
Date: 2.NOV.2019 14:13:53

2DH1_Ant1_Low_2402



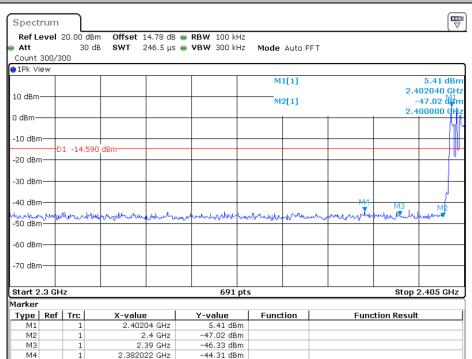
Date: 2.NoV.2019 14:08:57

2DH1_Ant1_High_2480



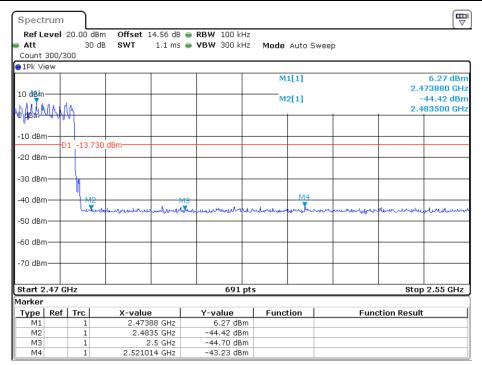
Date: 2.NOV.2019 14:09:48

2DH1_Ant1_Low_Hop_2402



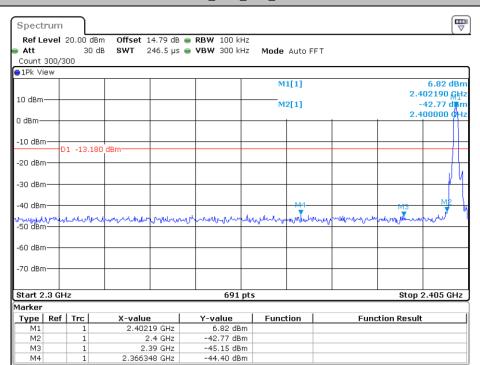
Date: 2.NoV.2019 14:14:04

2DH1_Ant1_High_Hop_2480



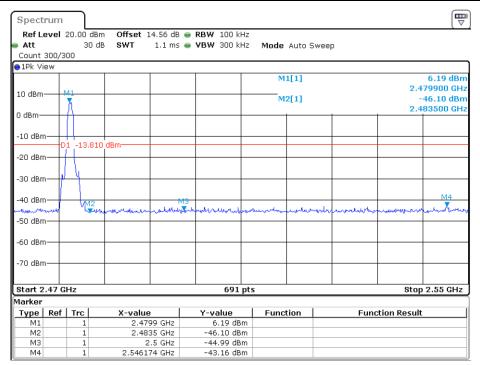
Date: 2.NOV.2019 14:17:21

3DH1_Ant1_Low_2402



Date: 2.NoV.2019 14:10:18

3DH1_Ant1_High_2480

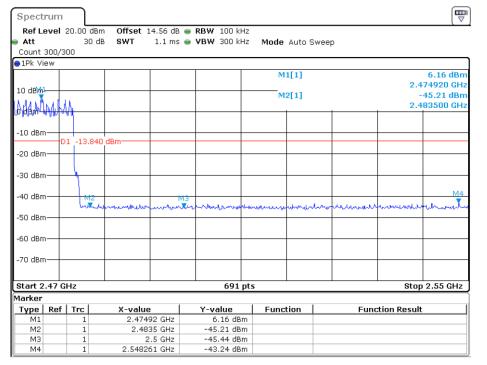


Date: 2.NOV.2019 14:11:09

3DH1_Ant1_Low_Hop_2402 Spectrum Ref Level 20.00 dBm Offset 14.78 dB RBW 100 kHz Att 30 dB SWT 246.5 µs • VBW 300 kHz Mode Auto FFT Count 300/300 1Pk View M1[1] 2.15 dBn 2.403250 GHz 10 dBm M2[1] -46.66 dBn 2.400000 GF 0 dBm--10 dBm-D1 -17.850 -20 dBm--30 dBm -40 dBm-M2 Livil dent time -50 dBm -60 dBm -70 dBm-Start 2.3 GHz 691 pts Stop 2.405 GHz Marker Type | Ref | Trc | **Function Result** Function X-value Y-value 2.40325 GHz 2.15 dBm 2.4 GHz 2.39 GHz M2 -46.66 dBm МЗ -46.46 dBm 2.341391 GHz -44.30 dBm

Date: 2.NOV.2019 14:17:31

3DH1_Ant1_High_Hop_2480



Date: 2.NOV.2019 14:20:13