

RSE TX above 1GHz Result_Beamforming

Appendix E.4

Summary

Mode	Result	Туре	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	Pass	AV	5.1492G	48.82	54.00	-5.18	4.09	3	Vertical	239	1.82	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	51.83	54.00	-2.17	4.09	3	Vertical	260	2.20	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.148G	73.35	74.00	-0.65	4.09	3	Vertical	265	1.95	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	Pass	AV	11.49568G	47.52	54.00	-6.48	13.58	3	Vertical	150	1.50	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.9642G	60.27	68.20	-7.93	5.44	3	Vertical	282	2.67	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	Pass	PK	5.6502G	68.23	68.35	-0.12	4.80	3	Vertical	305	1.83	-

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Appendix E.4

Result

Mode	Result	Туре	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	48.82	54.00	-5.18	4.09	3	Vertical	239	1.82	-
5180MHz	Pass	AV	5.176G	97.47	Inf	-Inf	4.12	3	Vertical	239	1.82	-
5180MHz	Pass	PK	5.1496G	61.53	74.00	-12.47	4.09	3	Vertical	239	1.82	-
5180MHz	Pass	PK	5.1862G	106.75	Inf	-Inf	4.13	3	Vertical	239	1.82	-
5180MHz	Pass	AV	5.1442G	44.79	54.00	-9.21	4.09	3	Horizontal	357	1.50	_
5180MHz	Pass	AV	5.1728G	99.08	Inf	-Inf	4.11	3	Horizontal	357	1.50	_
5180MHz	Pass	PK	5.1338G	55.81	74.00	-18.19	4.07	3	Horizontal	357	1.50	_
5180MHz	Pass	PK	5.1716G	107.81	Inf	-Inf	4.11	3	Horizontal	357	1.50	_
5180MHz	Pass	PK	10.35376G	60.59	68.20	-7.61	12.63	3	Vertical	202	2.88	_
5180MHz	Pass	PK	10.36002G	54.99	68.20	-13.21	12.63	3	Horizontal	261	1.50	
5200MHz	Pass	AV	5.1128G	44.21	54.00	-9.79	4.04	3	Vertical	234	1.53	
5200MHz	Pass	AV	5.1948G	96.37	Inf	-Inf	4.14	3	Vertical	234	1.53	_
5200MHz	Pass	PK	5.1108G	55.09	74.00	-18.91	4.04	3	Vertical	234	1.53	-
												-
5200MHz	Pass	PK AV	5.204G	104.13	Inf	-Inf	4.15	3	Vertical	234	1.53	-
5200MHz	Pass	AV	5.1452G	44.26	54.00	-9.74	4.09	3	Horizontal	338	1.57	-
5200MHz	Pass	AV	5.2024G	99.34	Inf	-Inf	4.15	3	Horizontal	338	1.57	-
5200MHz	Pass	PK	5.1156G	55.47	74.00	-18.53	4.05	3	Horizontal	338	1.57	-
5200MHz	Pass	PK	5.2028G	107.69	Inf	-Inf	4.15	3	Horizontal	338	1.57	-
5200MHz	Pass	PK	10.40392G	57.49	68.20	-10.71	12.74	3	Vertical	63	1.47	-
5200MHz	Pass	PK	10.40286G	58.50	68.20	-9.70	12.73	3	Horizontal	321	2.30	-
5240MHz	Pass	AV	5.1206G	44.30	54.00	-9.70	4.05	3	Vertical	250	1.87	-
5240MHz	Pass	AV	5.2472G	97.83	Inf	-Inf	4.20	3	Vertical	250	1.87	-
5240MHz	Pass	AV	5.3612G	43.43	54.00	-10.57	4.34	3	Vertical	250	1.87	-
5240MHz	Pass	PK	5.1182G	55.60	74.00	-18.40	4.05	3	Vertical	250	1.87	-
5240MHz	Pass	PK	5.2424G	108.43	Inf	-Inf	4.20	3	Vertical	250	1.87	-
5240MHz	Pass	PK	5.3846G	54.00	74.00	-20.00	4.36	3	Vertical	250	1.87	-
5240MHz	Pass	AV	5.1326G	44.24	54.00	-9.76	4.07	3	Horizontal	61	1.74	-
5240MHz	Pass	AV	5.2412G	99.96	Inf	-Inf	4.19	3	Horizontal	61	1.74	-
5240MHz	Pass	AV	5.3654G	43.49	54.00	-10.51	4.34	3	Horizontal	61	1.74	-
5240MHz	Pass	PK	5.1332G	56.03	74.00	-17.97	4.07	3	Horizontal	61	1.74	-
5240MHz	Pass	PK	5.2358G	107.57	Inf	-Inf	4.18	3	Horizontal	61	1.74	-
5240MHz	Pass	PK	5.3522G	53.70	74.00	-20.30	4.32	3	Horizontal	61	1.74	-
5240MHz	Pass	PK	10.47668G	62.05	68.20	-6.15	12.90	3	Vertical	136	1.68	-
5240MHz	Pass	PK	10.48G	56.10	68.20	-12.10	NaN	3	Horizontal	322	1.32	-
5745MHz	Pass	AV	5.7402G	99.07	Inf	-Inf	4.99	3	Vertical	305	1.94	-
5745MHz	Pass	PK	5.625G	56.22	68.20	-11.98	4.76	3	Vertical	305	1.94	-
5745MHz	Pass	PK	5.739G	109.88	Inf	-Inf	4.98	3	Vertical	305	1.94	-
5745MHz	Pass	PK	5.9586G	57.70	68.20	-10.50	5.43	3	Vertical	305	1.94	-
5745MHz	Pass	AV	5.7498G	97.94	Inf	-Inf	5.01	3	Horizontal	355	1.50	-
5745MHz	Pass	PK	5.4954G	55.42	68.20	-12.78	4.50	3	Horizontal	355	1.50	-
5745MHz	Pass	PK	5.7486G	105.96	Inf	-Inf	5.01	3	Horizontal	355	1.50	-
5745MHz	Pass	PK	5.9634G	55.72	68.20	-12.48	5.44	3	Horizontal	355	1.50	-
5745MHz	Pass	AV	11.49568G	47.52	54.00	-6.48	13.58	3	Vertical	150	1.50	-
5745MHz	Pass	PK	11.48644G	58.20	74.00	-15.80	13.59	3	Vertical	150	1.50	-
5745MHz	Pass	AV	11.48856G	43.68	54.00	-10.32	13.59	3	Horizontal	265	1.50	-
5745MHz	Pass	PK	11.49576G	54.16	74.00	-19.84	13.58	3	Horizontal	265	1.50	-
5785MHz	Pass	AV	5.7874G	98.46	Inf	-Inf	5.08	3	Vertical	262	2.67	-



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Mode	Result	Туре	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
5785MHz	Pass	PK	5.4922G	55.35	68.20	-12.85	4.49	3	Vertical	262	2.67	-
5785MHz	Pass	PK	5.7886G	109.73	Inf	-Inf	5.08	3	Vertical	262	2.67	-
5785MHz	Pass	PK	5.9482G	55.50	68.20	-12.70	5.42	3	Vertical	262	2.67	-
5785MHz	Pass	AV	5.7886G	97.19	Inf	-Inf	5.08	3	Horizontal	349	1.39	-
5785MHz	Pass	PK	5.641G	56.26	68.20	-11.94	4.80	3	Horizontal	349	1.39	-
5785MHz	Pass	PK	5.7874G	106.89	Inf	-Inf	5.08	3	Horizontal	349	1.39	-
5785MHz	Pass	PK	5.9422G	57.00	68.20	-11.20	5.41	3	Horizontal	349	1.39	-
5785MHz	Pass	AV	11.56754G	46.73	54.00	-7.27	13.51	3	Vertical	137	1.54	-
5785MHz	Pass	PK	11.57228G	54.99	74.00	-19.01	13.51	3	Vertical	137	1.54	-
5785MHz	Pass	AV	11.56994G	42.78	54.00	-11.22	13.50	3	Horizontal	272	1.57	-
5785MHz	Pass	PK	11.57462G	54.99	74.00	-19.01	13.51	3	Horizontal	272	1.57	-
5825MHz	Pass	AV	5.8322G	98.04	Inf	-Inf	5.18	3	Vertical	268	2.48	-
5825MHz	Pass	PK	5.639G	55.24	68.20	-12.96	4.79	3	Vertical	268	2.48	-
5825MHz	Pass	PK	5.8238G	106.64	Inf	-Inf	5.16	3	Vertical	268	2.48	-
5825MHz	Pass	PK	5.9642G	56.28	68.20	-11.92	5.44	3	Vertical	268	2.48	-
5825MHz	Pass	AV	5.825G	93.45	Inf	-Inf	5.16	3	Horizontal	4	1.50	-
5825MHz	Pass	PK	5.5718G	55.48	68.20	-12.72	4.64	3	Horizontal	4	1.50	-
5825MHz	Pass	PK	5.8286G	104.82	Inf	-Inf	5.17	3	Horizontal	4	1.50	_
5825MHz	Pass	PK	5.9882G	56.96	68.20	-11.24	5.49	3	Horizontal	4	1.50	_
5825MHz	Pass	AV	11.64202G	45.58	54.00	-8.42	13.44	3	Vertical	138	2.01	_
5825MHz	Pass	PK	11.6431G	54.48	74.00	-19.52	13.44	3	Vertical	138	2.01	_
5825MHz	Pass	AV	11.6461G	43.94	54.00	-10.06	13.44	3	Horizontal	317	2.67	_
5825MHz	Pass	PK	11.65696G	53.66	74.00	-20.34	13.42	3	Horizontal	317	2.67	
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	FK	11.030900	-	-	-20.54	13.42	3	Tionzontal	-	2.07	-
5190MHz	Pass	AV	5.15G	51.83	54.00	-2.17	4.09	3	Vertical	260	2.20	-
5190MHz	Pass	AV	5.1856G	93.60	Inf	-2.17 -Inf	4.13	3	Vertical	260	2.20	-
5190MHz	Pass	PK	5.15G	65.38	74.00	-8.62	4.13	3	Vertical	260	2.20	-
5190MHz	Pass	PK		102.07	Inf	-0.02 -Inf	4.09	3	Vertical		2.20	-
			5.1812G					3	-	260		-
5190MHz	Pass	AV	5.1492G	50.33	54.00	-3.67	4.09		Horizontal	2	1.50	-
5190MHz	Pass	AV	5.1716G	96.34	Inf	-Inf	4.11	3	Horizontal	2	1.50	-
5190MHz	Pass	PK	5.1484G	61.56	74.00	-12.44	4.09	3	Horizontal	2	1.50	-
5190MHz	Pass	PK	5.172G	100.40	Inf	-Inf	4.11	3	Horizontal	2	1.50	-
5190MHz	Pass	PK	10.38012G	54.65	68.20	-13.55	12.67	3	Vertical	63	1.50	-
5190MHz	Pass	PK	10.37996G	54.42	68.20	-13.78	12.67	3	Horizontal	266	1.50	-
5230MHz	Pass	AV	5.1492G	46.37	54.00	-7.63	4.09	3	Vertical	256	2.37	-
5230MHz	Pass	AV	5.2248G	98.32	Inf	-Inf	4.18	3	Vertical	256	2.37	<u> </u>
5230MHz	Pass	PK	5.1488G	62.27	74.00	-11.73	4.09	3	Vertical	256	2.37	-
5230MHz	Pass	PK	5.2248G	106.60	Inf	-Inf	4.18	3	Vertical	256	2.37	-
5230MHz	Pass	AV	5.1488G	44.93	54.00	-9.07	4.09	3	Horizontal	347	1.37	-
5230MHz	Pass	AV	5.2192G	99.67	Inf	-Inf	4.17	3	Horizontal	347	1.37	-
5230MHz	Pass	PK	5.1488G	57.53	74.00	-16.47	4.09	3	Horizontal	347	1.37	-
5230MHz	Pass	PK	5.2172G	107.00	Inf	-Inf	4.17	3	Horizontal	347	1.37	-
5230MHz	Pass	PK	10.45892G	60.09	68.20	-8.11	12.84	3	Vertical	64	1.47	-
5230MHz	Pass	PK	10.4584G	58.04	68.20	-10.16	12.84	3	Horizontal	326	1.43	-
5755MHz	Pass	AV	5.7526G	97.67	Inf	-Inf	5.01	3	Vertical	279	2.00	-
5755MHz	Pass	PK	5.599G	58.79	68.20	-9.41	4.71	3	Vertical	279	2.00	-
5755MHz	Pass	PK	5.7718G	104.41	Inf	-Inf	5.06	3	Vertical	279	2.00	-
5755MHz	Pass	PK	5.9878G	56.82	68.20	-11.38	5.49	3	Vertical	279	2.00	-
5755MHz	Pass	AV	5.7478G	95.38	Inf	-Inf	5.01	3	Horizontal	355	1.40	-

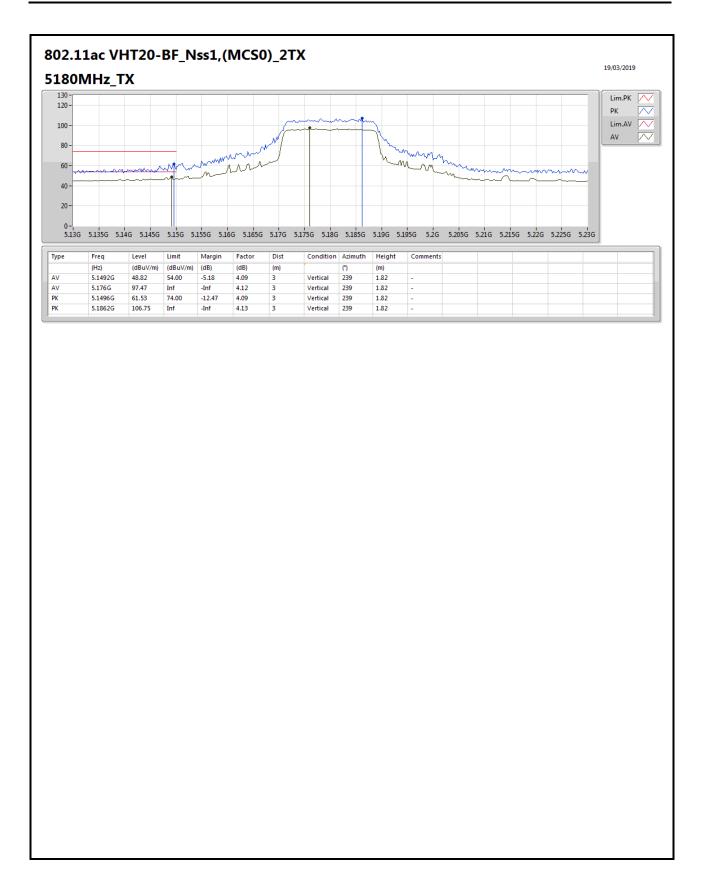


RSE TX above 1GHz Result _Beamforming

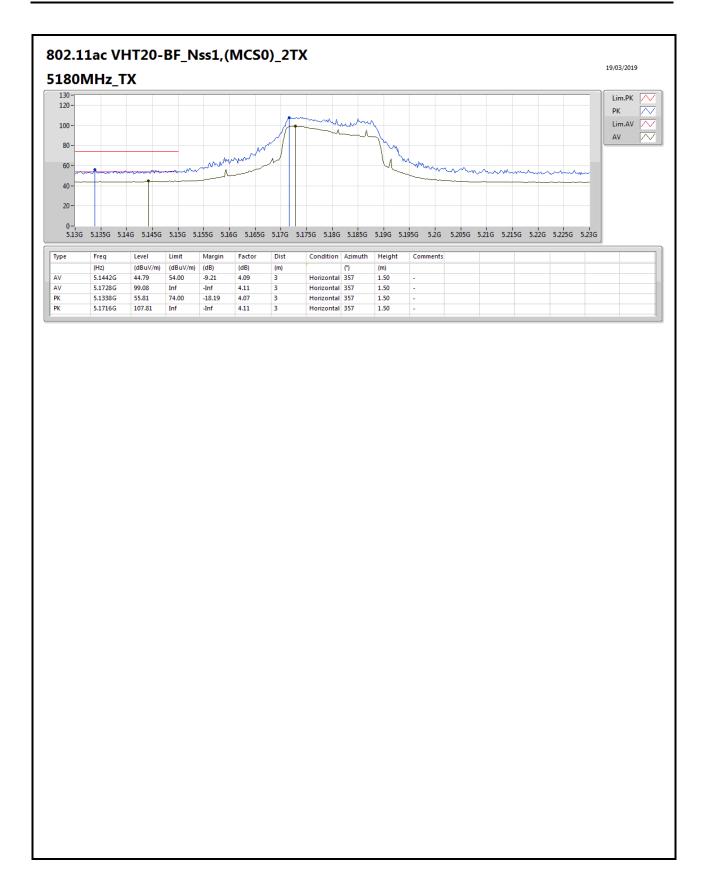
Appendix E.4

Mode	Result	Туре	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
5755MHz	Pass	PK	5.6002G	56.61	68.20	-11.59	4.71	3	Horizontal	355	1.40	-
5755MHz	Pass	PK	5.7514G	104.47	Inf	-Inf	5.01	3	Horizontal	355	1.40	-
5755MHz	Pass	PK	5.9878G	56.32	68.20	-11.88	5.49	3	Horizontal	355	1.40	-
5755MHz	Pass	AV	11.50064G	44.63	54.00	-9.37	13.57	3	Vertical	154	1.50	-
5755MHz	Pass	PK	11.50616G	56.21	74.00	-17.79	13.56	3	Vertical	154	1.50	-
5755MHz	Pass	AV	11.4965G	42.83	54.00	-11.17	13.57	3	Horizontal	340	1.50	-
5755MHz	Pass	PK	11.49536G	53.45	74.00	-20.55	13.58	3	Horizontal	340	1.50	-
5795MHz	Pass	AV	5.783G	98.25	Inf	-Inf	5.08	3	Vertical	282	2.67	_
5795MHz	Pass	PK	5.6414G	59.94	68.20	-8.26	4.80	3	Vertical	282	2.67	_
5795MHz	Pass	PK	5.8034G	106.45	Inf	-Inf	5.11	3	Vertical	282	2.67	_
5795MHz	Pass	PK	5.9642G	60.27	68.20	-7.93	5.44	3	Vertical	282	2.67	_
5795MHz	Pass	AV	5.7902G	94.28	Inf	-Inf	5.09	3	Horizontal	17	1.50	_
		PK						3		17		-
5795MHz 5795MHz	Pass Pass	PK	5.645G 5.7878G	56.90 105.81	68.20 Inf	-11.30 -Inf	4.80 5.08	3	Horizontal	17	1.50 1.50	_
									Horizontal			-
5795MHz	Pass	PK AV	5.9354G	59.33	68.20	-8.87	5.39	3	Horizontal	17	1.50	-
5795MHz	Pass	AV PK	11.57716G	45.57	54.00 74.00	-8.43	13.50	3	Vertical	155	1.37	-
5795MHz	Pass		11.58646G	55.01	74.00	-18.99	13.49		Vertical	155	1.37	-
5795MHz	Pass	AV	11.58886G	43.35	54.00	-10.65	15.53	3	Horizontal	280	1.49	-
5795MHz	Pass	PK	11.60122G	54.04	74.00	-19.96	15.53	3	Horizontal	280	1.49	-
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.147G	52.58	54.00	-1.42	4.09	3	Vertical	265	1.95	-
5210MHz	Pass	AV	5.182G	95.16	Inf	-Inf	4.12	3	Vertical	265	1.95	-
5210MHz	Pass	AV	5.352G	44.58	54.00	-9.42	4.32	3	Vertical	265	1.95	-
5210MHz	Pass	PK	5.148G	73.35	74.00	-0.65	4.09	3	Vertical	265	1.95	-
5210MHz	Pass	PK	5.173G	106.72	Inf	-Inf	4.11	3	Vertical	265	1.95	-
5210MHz	Pass	PK	5.359G	59.05	74.00	-14.95	4.34	3	Vertical	265	1.95	-
5210MHz	Pass	AV	5.147G	46.03	54.00	-7.97	4.09	3	Horizontal	79	1.50	-
5210MHz	Pass	AV	5.18G	86.91	Inf	-Inf	4.12	3	Horizontal	79	1.50	-
5210MHz	Pass	AV	5.407G	40.78	54.00	-13.22	4.39	3	Horizontal	79	1.50	-
5210MHz	Pass	PK	5.142G	67.91	74.00	-6.09	4.09	3	Horizontal	79	1.50	-
5210MHz	Pass	PK	5.182G	104.27	Inf	-Inf	4.12	3	Horizontal	79	1.50	-
5210MHz	Pass	PK	5.401G	54.71	74.00	-19.29	4.39	3	Horizontal	79	1.50	-
5210MHz	Pass	PK	10.41989G	57.92	68.20	-10.28	12.77	3	Vertical	229	1.50	-
5210MHz	Pass	PK	10.41971G	50.74	68.20	-17.46	12.77	3	Horizontal	282	1.50	-
5775MHz	Pass	AV	5.7474G	96.64	Inf	-Inf	5.01	3	Vertical	305	1.83	-
5775MHz	Pass	PK	5.6502G	68.23	68.35	-0.12	4.80	3	Vertical	305	1.83	-
5775MHz	Pass	PK	5.7474G	108.58	Inf	-Inf	5.01	3	Vertical	305	1.83	-
5775MHz	Pass	PK	5.937G	64.87	68.20	-3.33	5.39	3	Vertical	305	1.83	-
5775MHz	Pass	AV	5.7762G	94.92	Inf	-Inf	5.06	3	Horizontal	18	2.15	-
5775MHz	Pass	PK	5.631G	65.45	68.20	-2.75	4.77	3	Horizontal	18	2.15	-
5775MHz	Pass	PK	5.7426G	107.22	Inf	-Inf	4.99	3	Horizontal	18	2.15	-
5775MHz	Pass	PK	5.925G	60.51	68.20	-7.69	5.36	3	Horizontal	18	2.15	-
5775MHz	Pass	AV	11.54994G	44.61	54.00	-9.39	13.52	3	Vertical	175	2.93	-
5775MHz	Pass	PK	11.54859G	56.53	74.00	-17.47	13.52	3	Vertical	175	2.93	-
5775MHz	Pass	AV	11.54978G	43.75	54.00	-10.25	13.52	3	Horizontal	329	1.50	-
5775MHz	Pass	PK	11.54804G	56.62	74.00	-17.38	13.52	3	Horizontal	329	1.50	-
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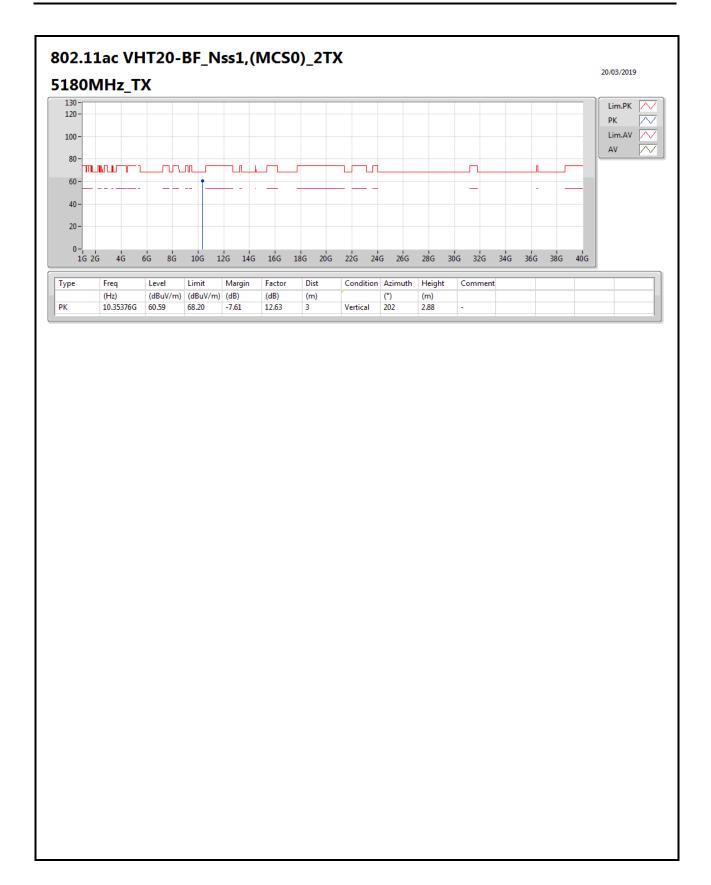




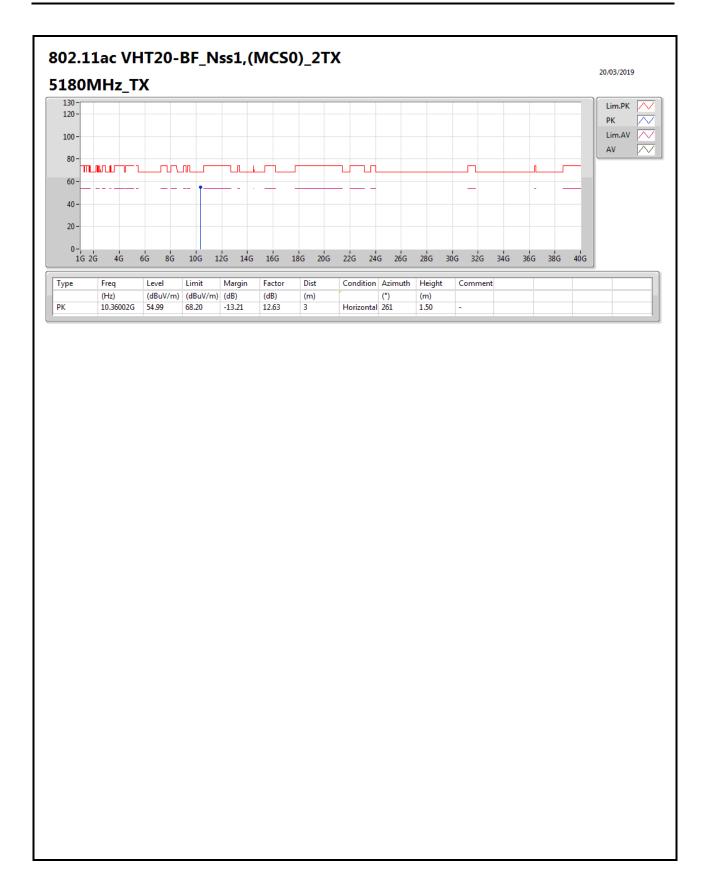




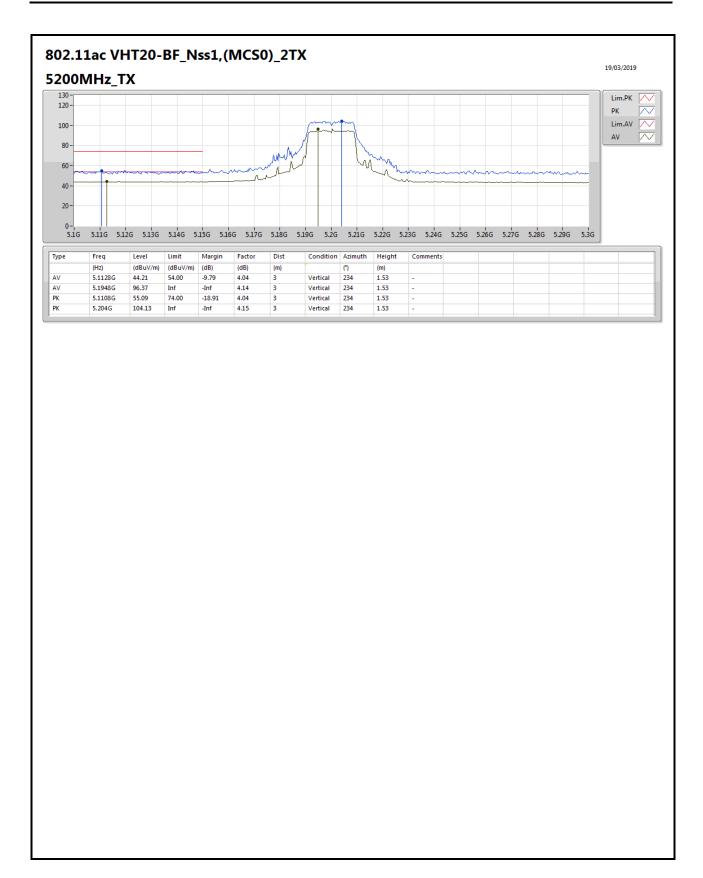




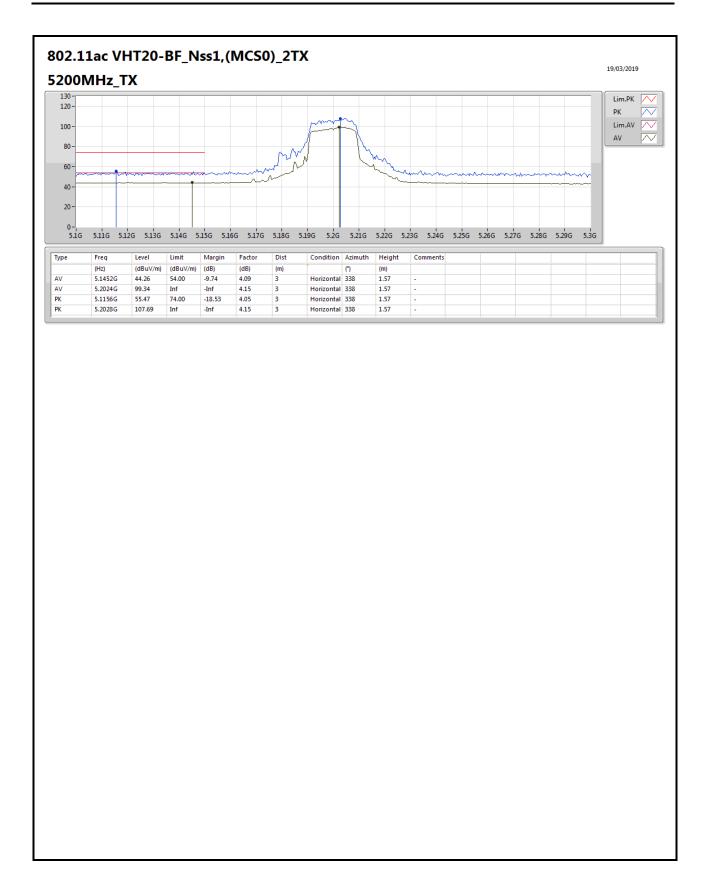




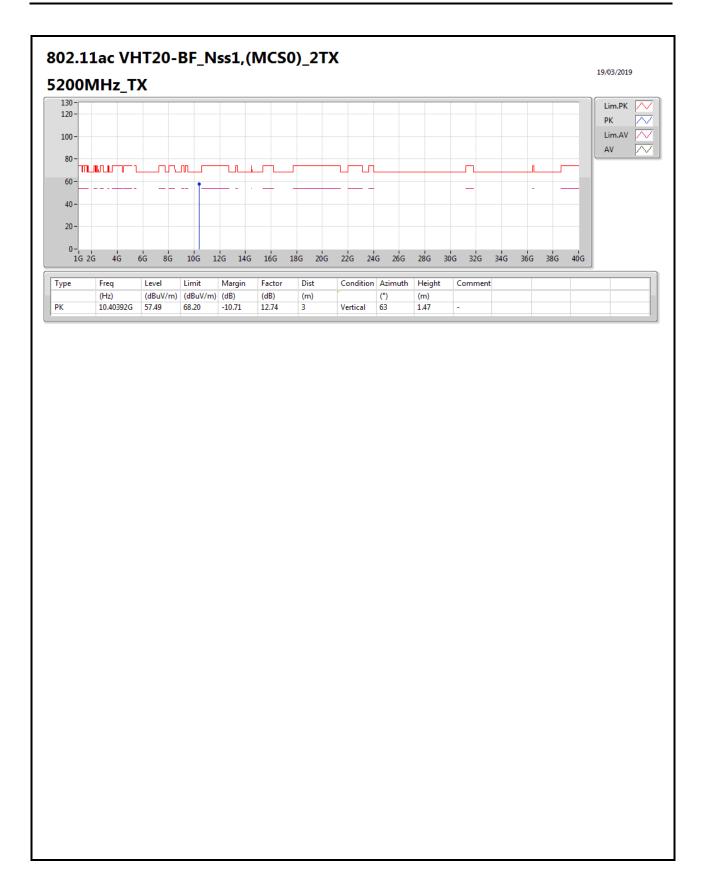




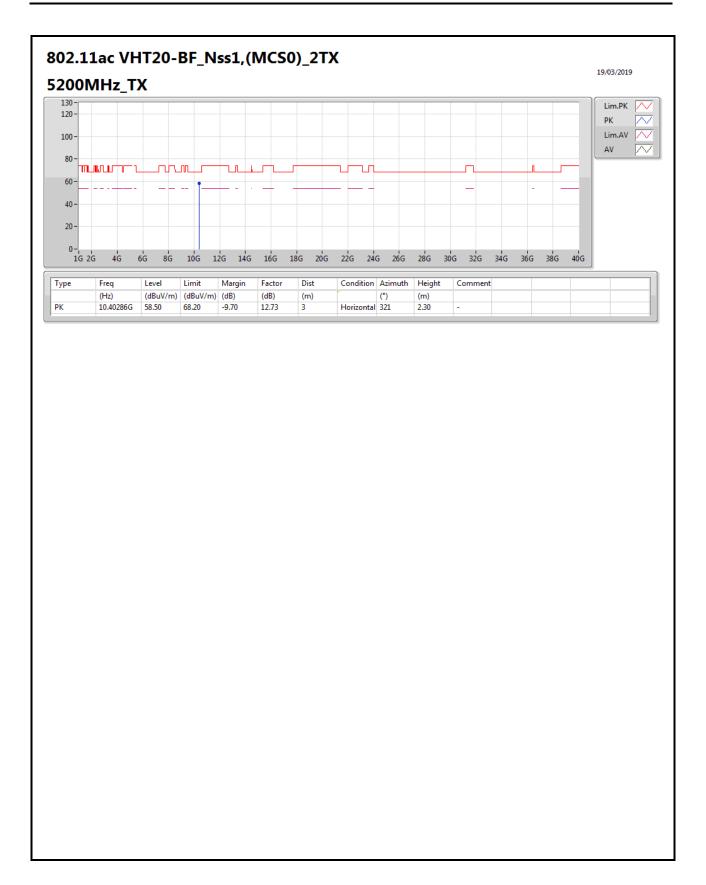




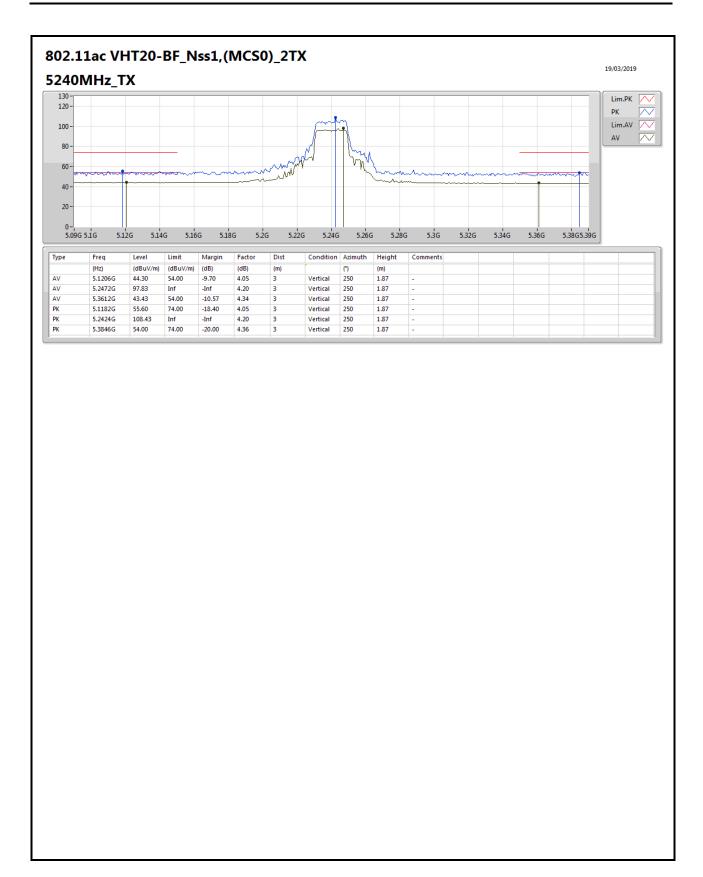




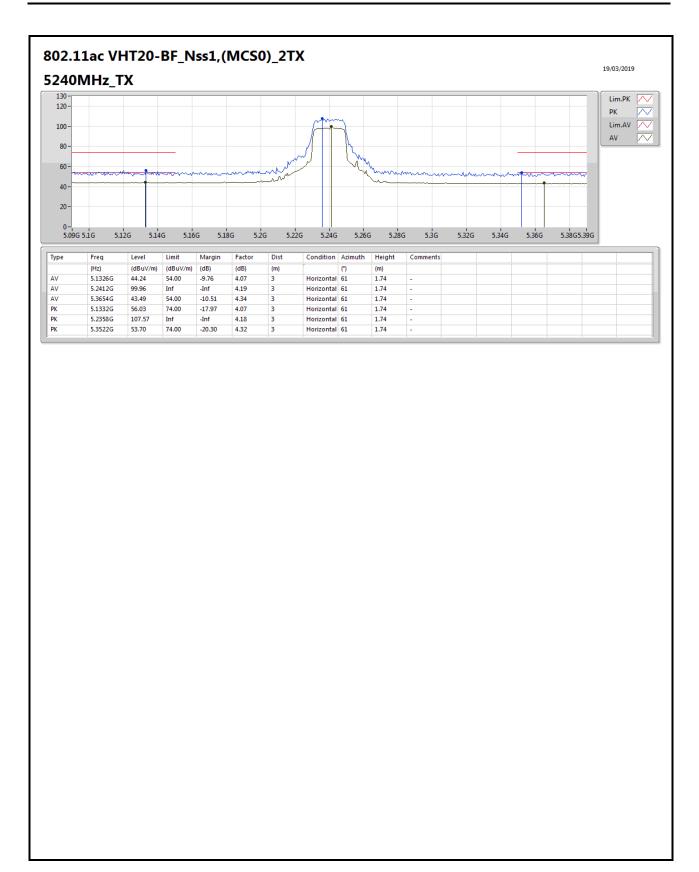




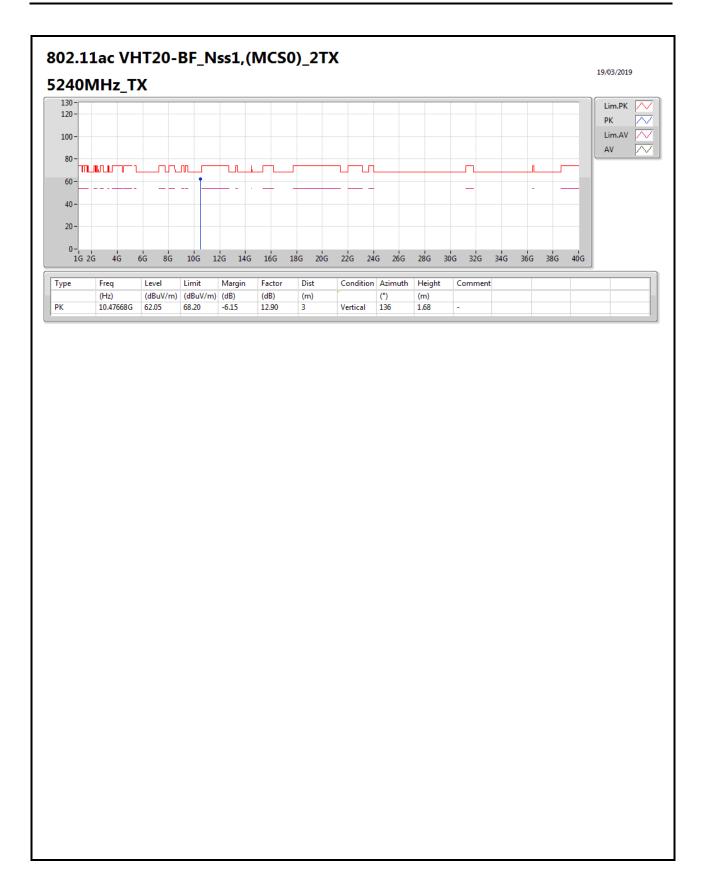




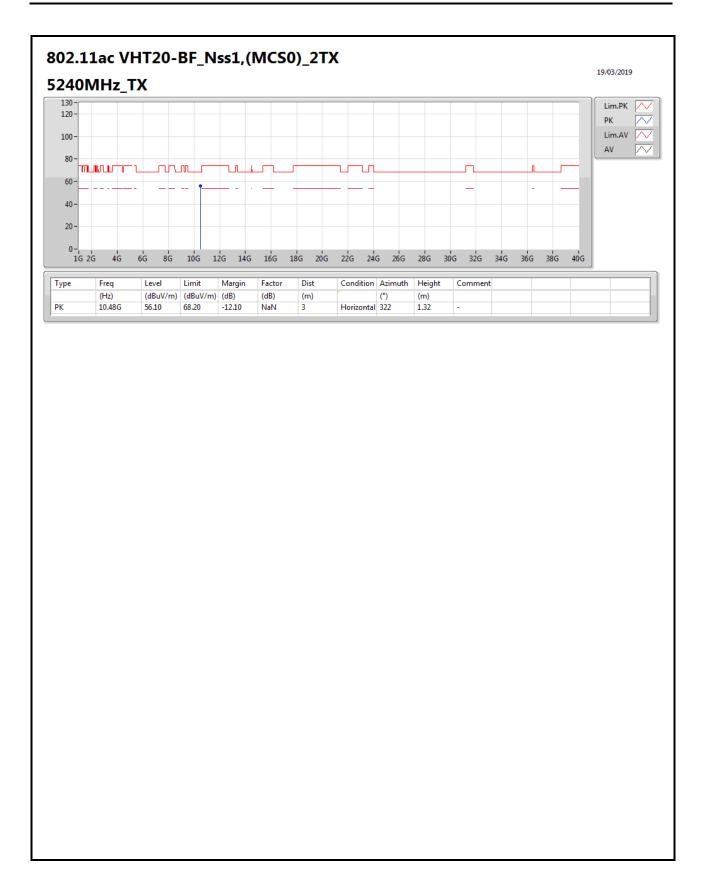




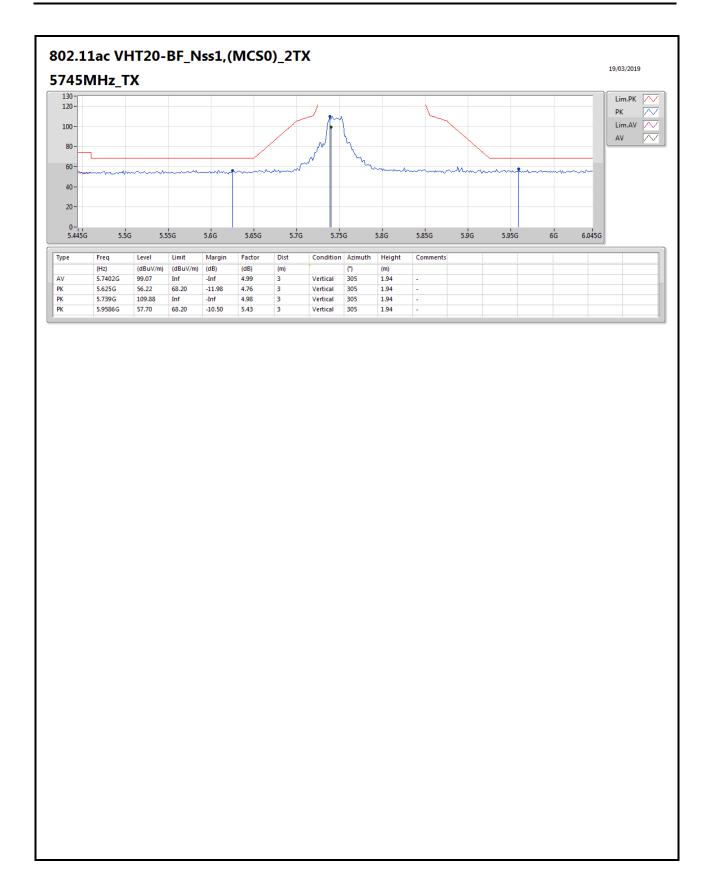




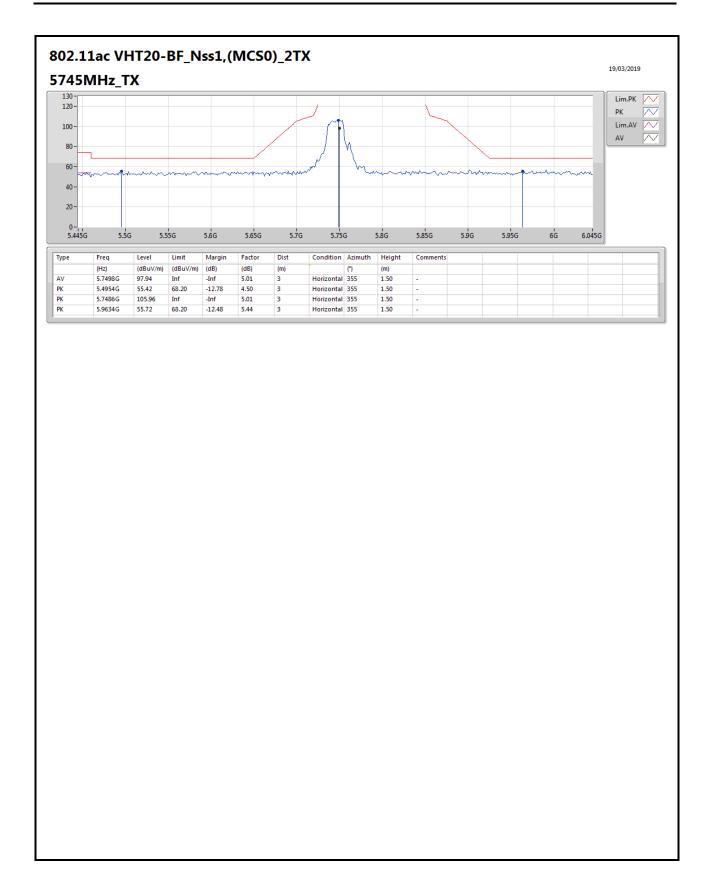




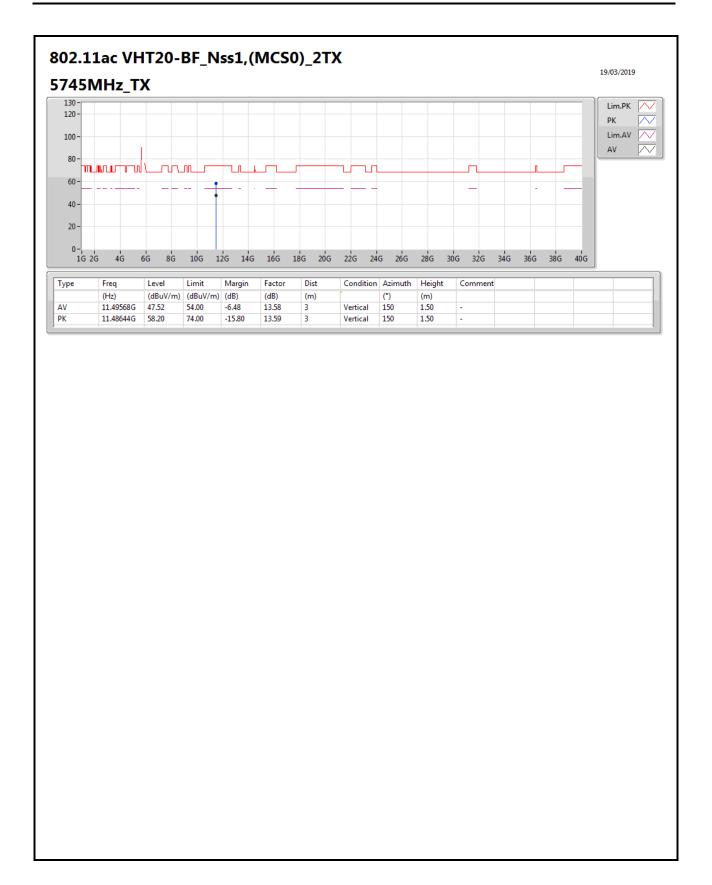




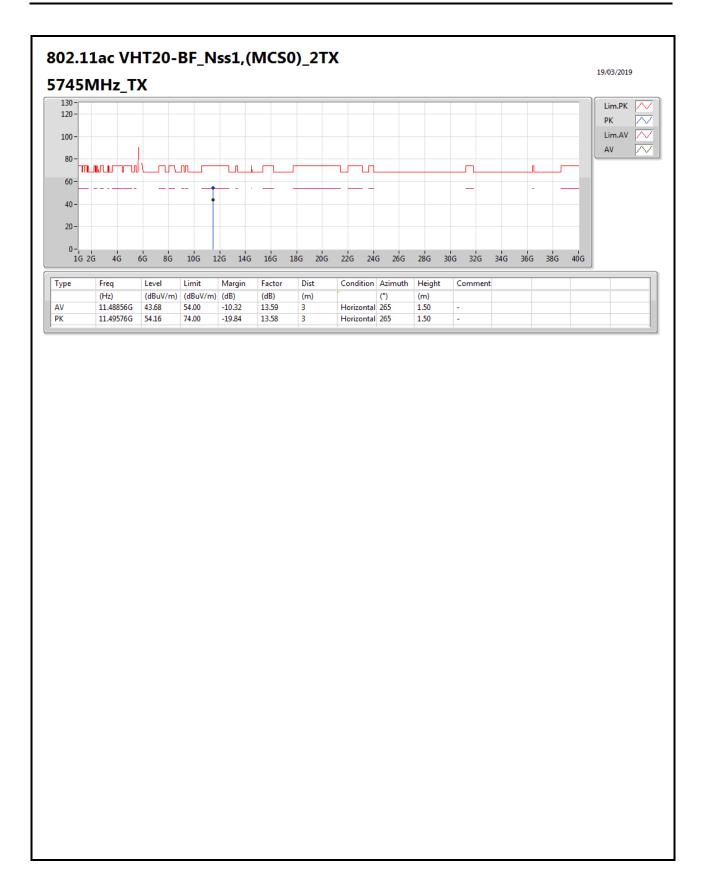




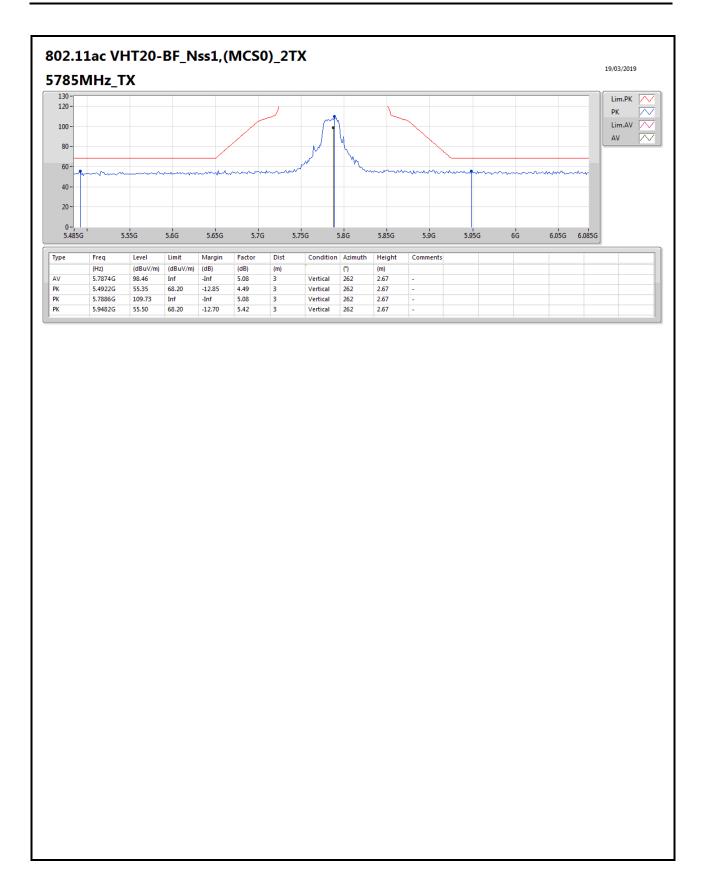




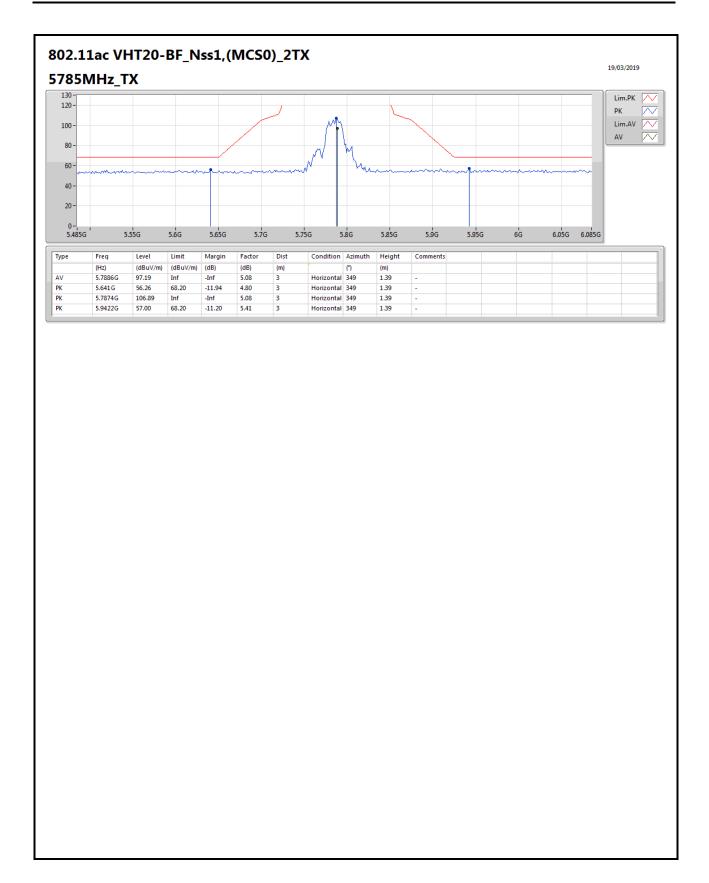




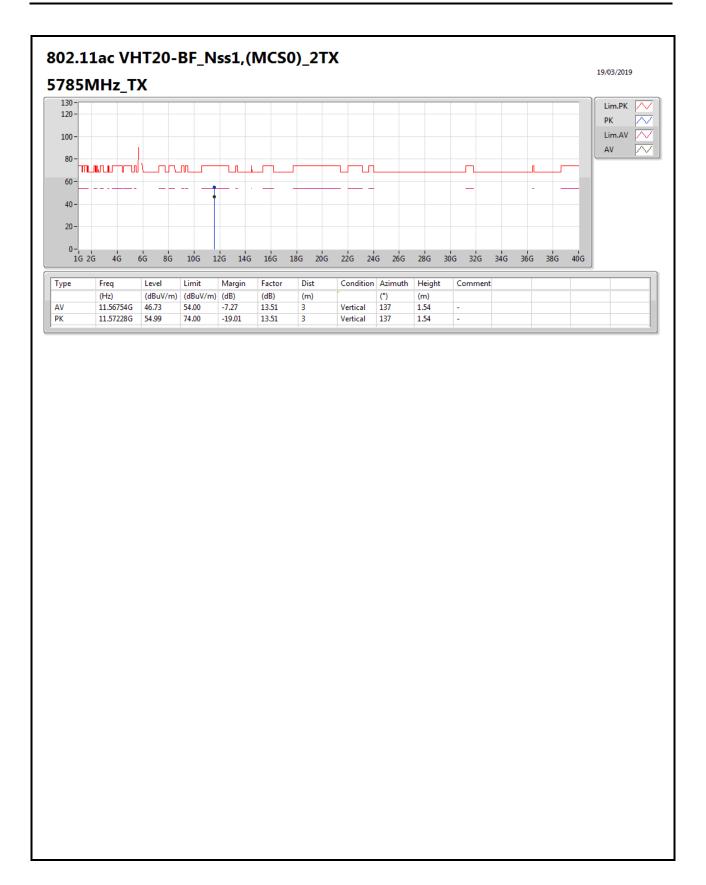




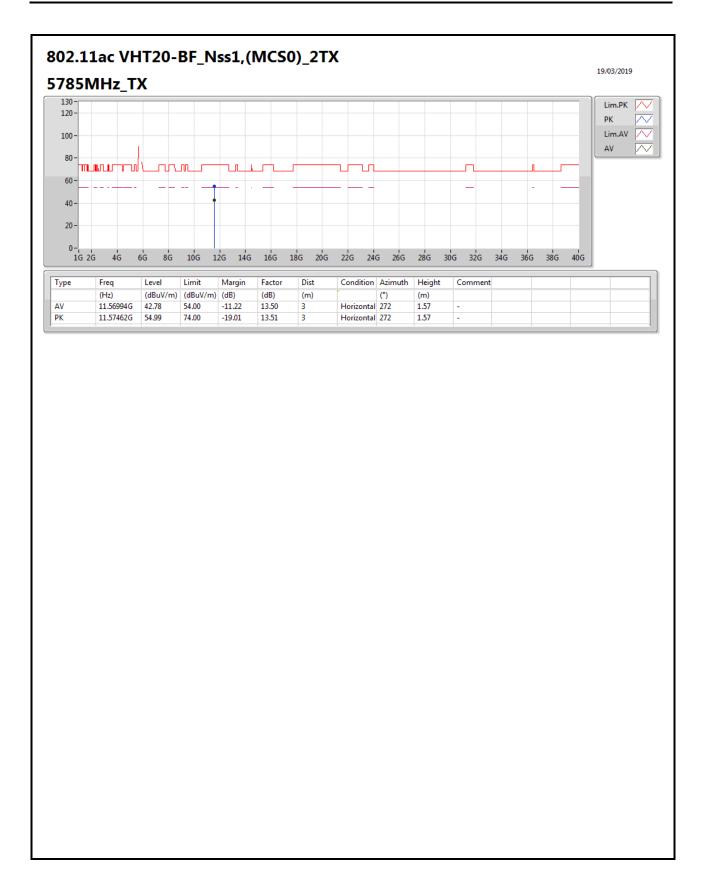




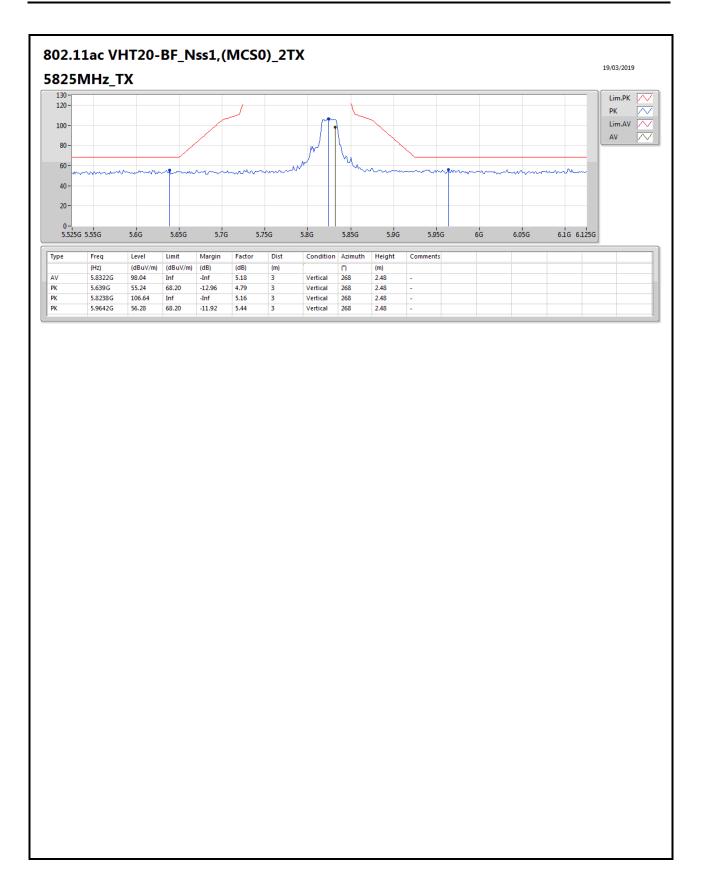




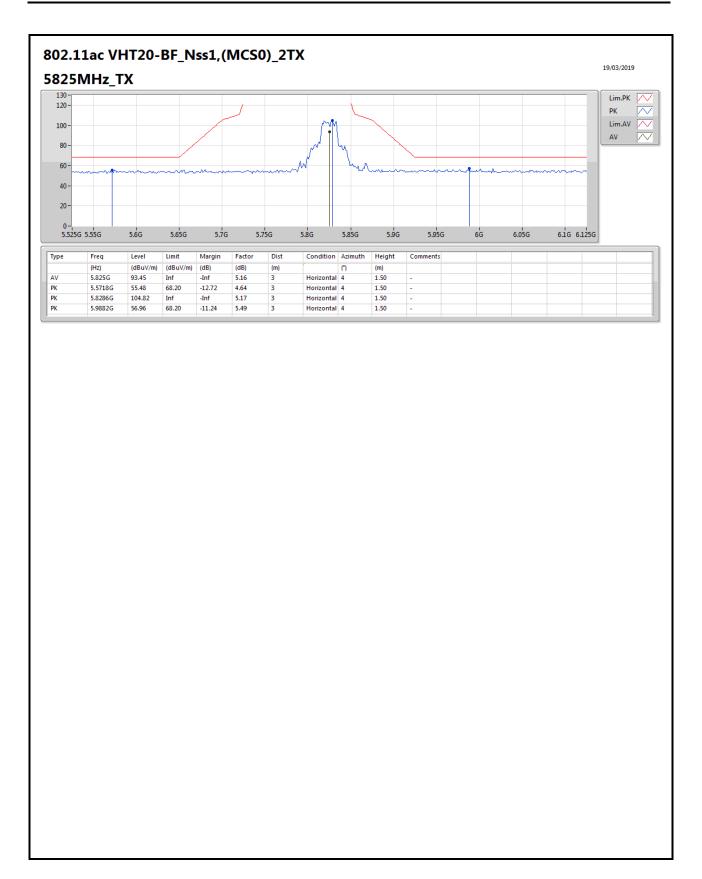




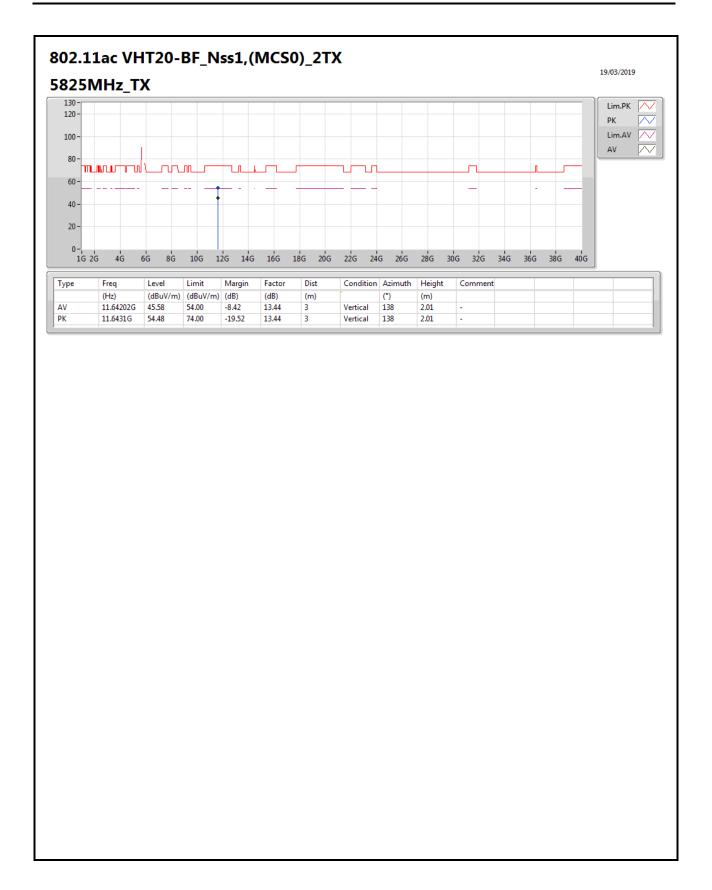




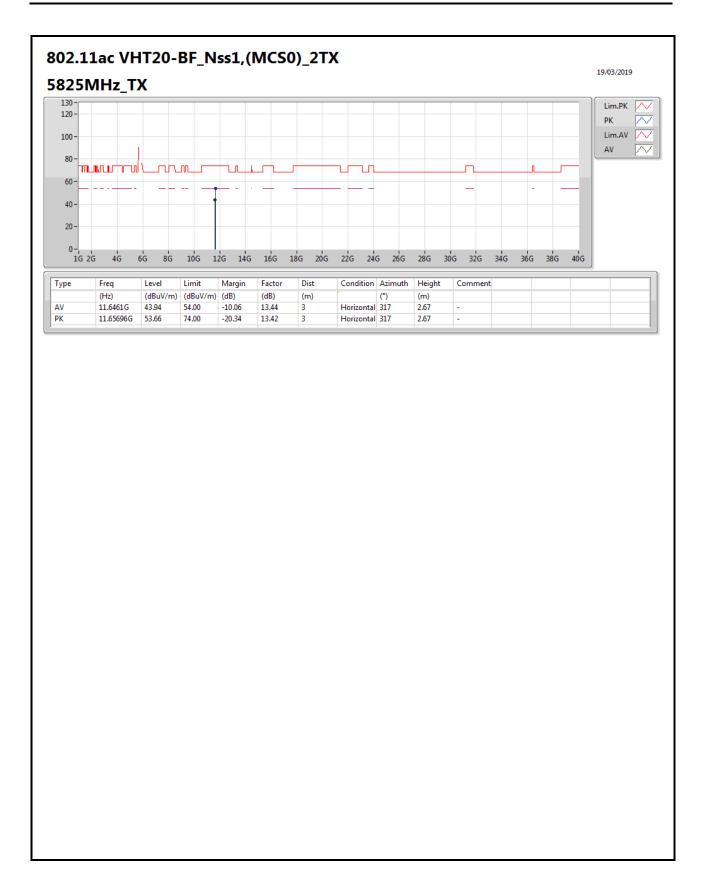






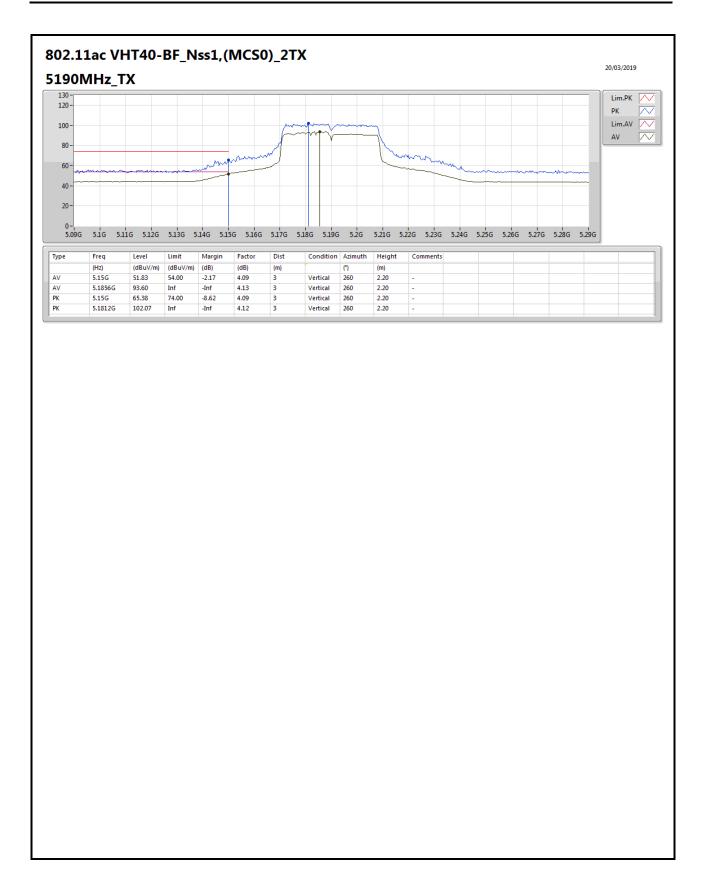




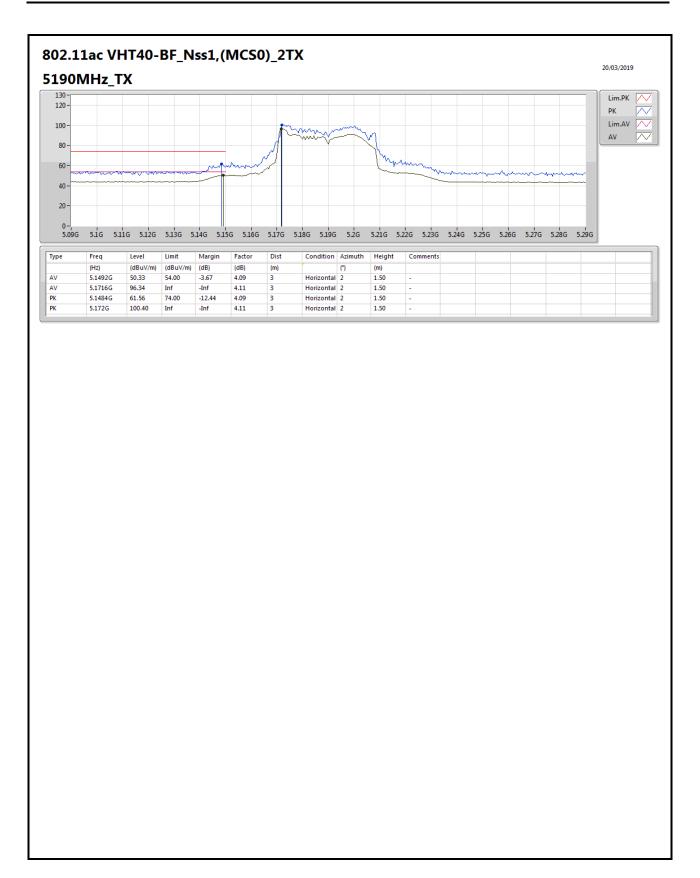


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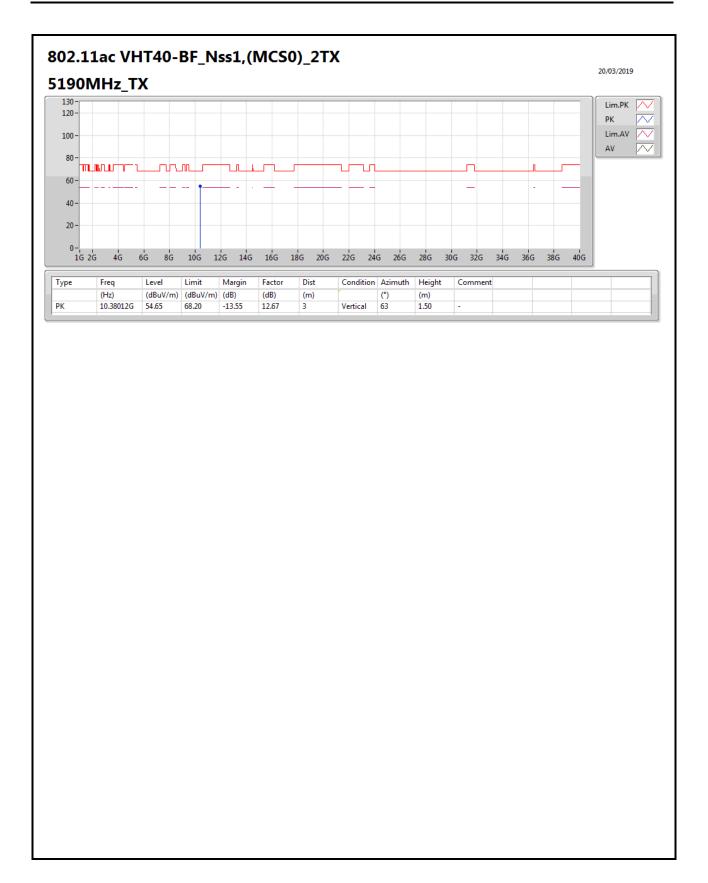




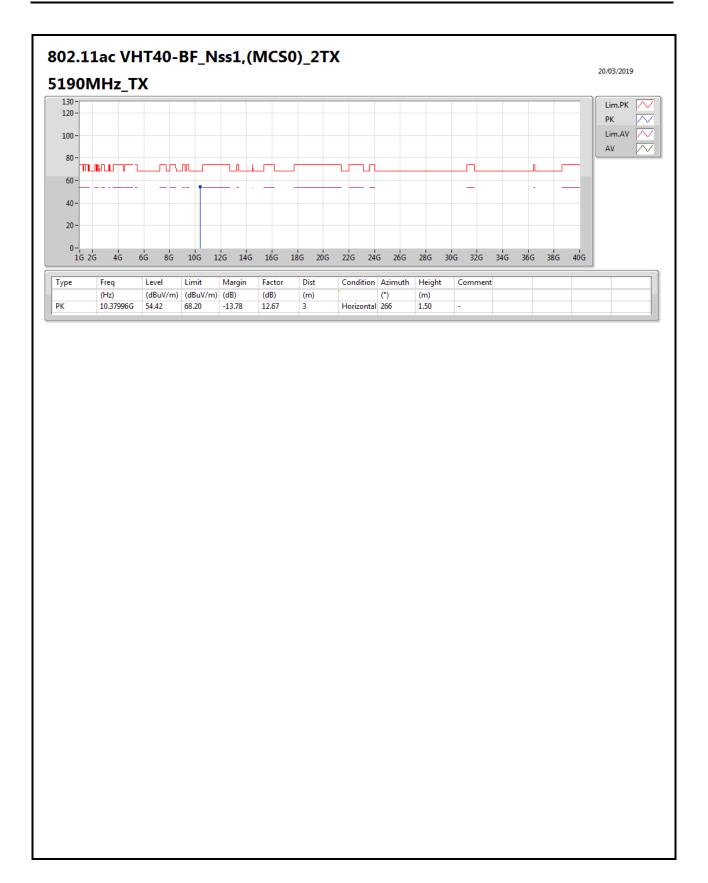




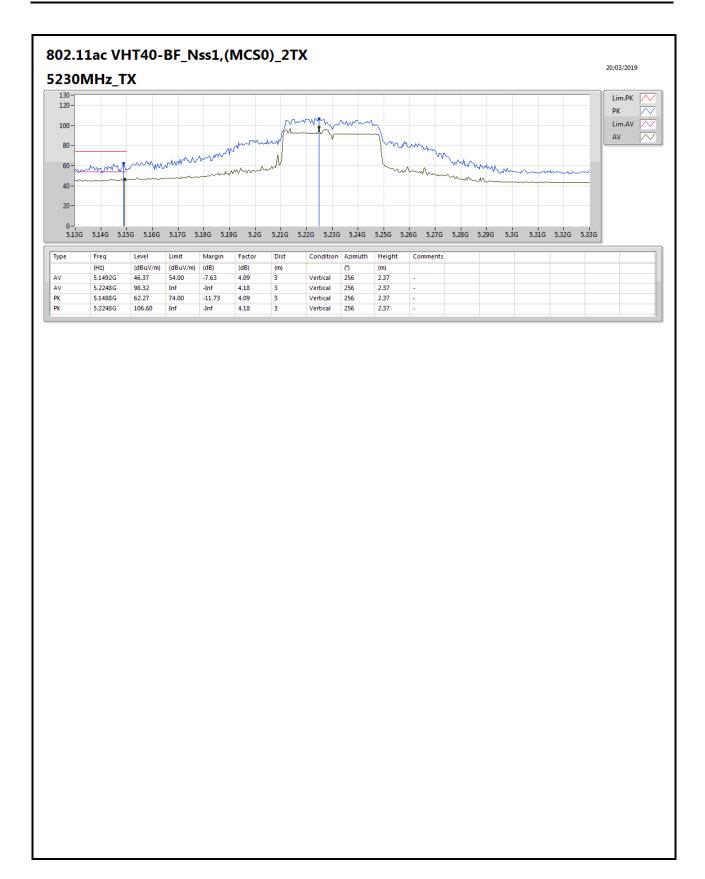




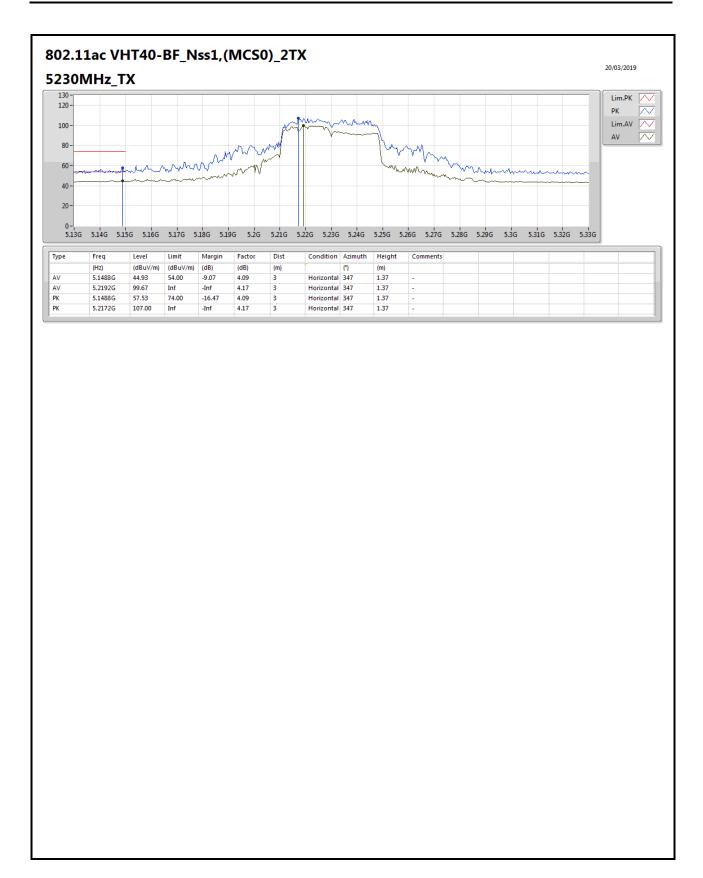




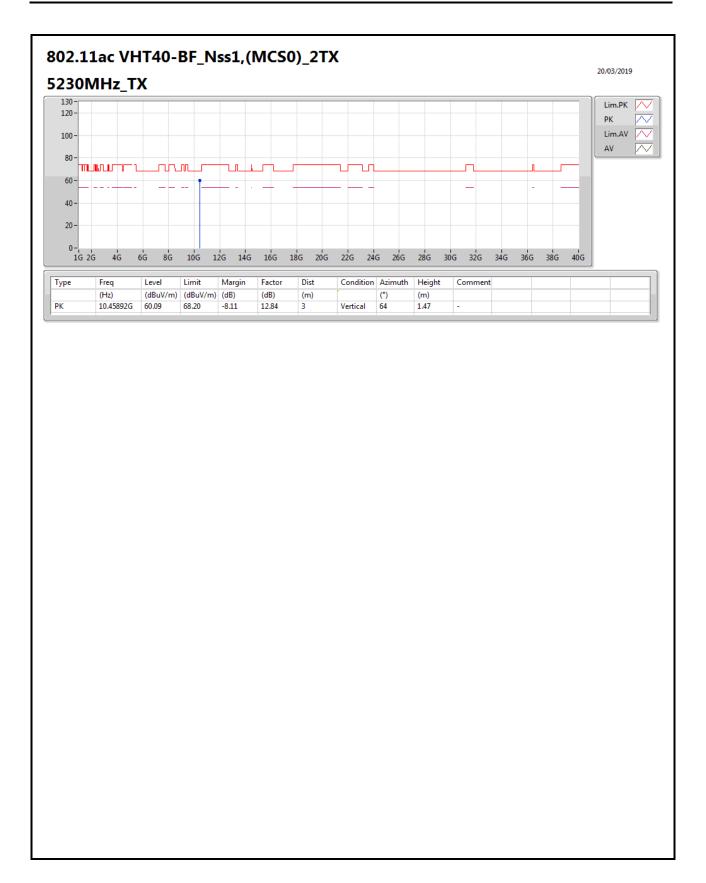




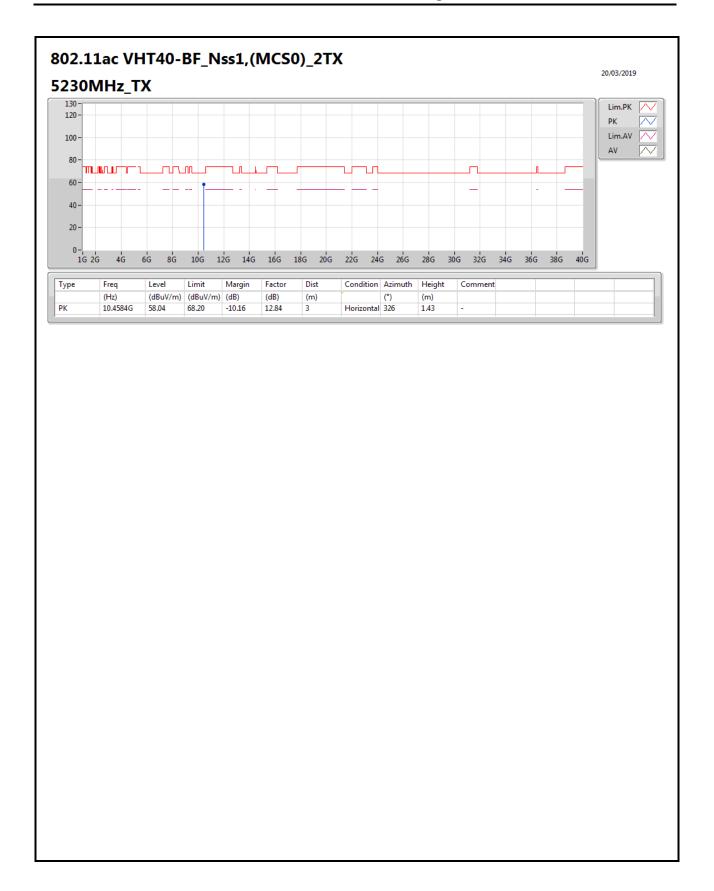




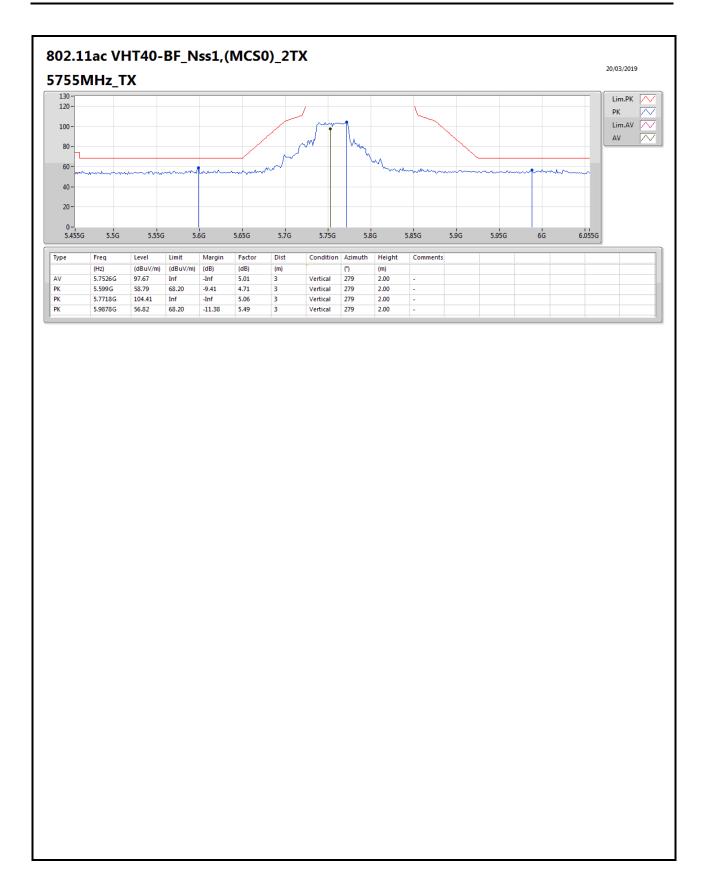




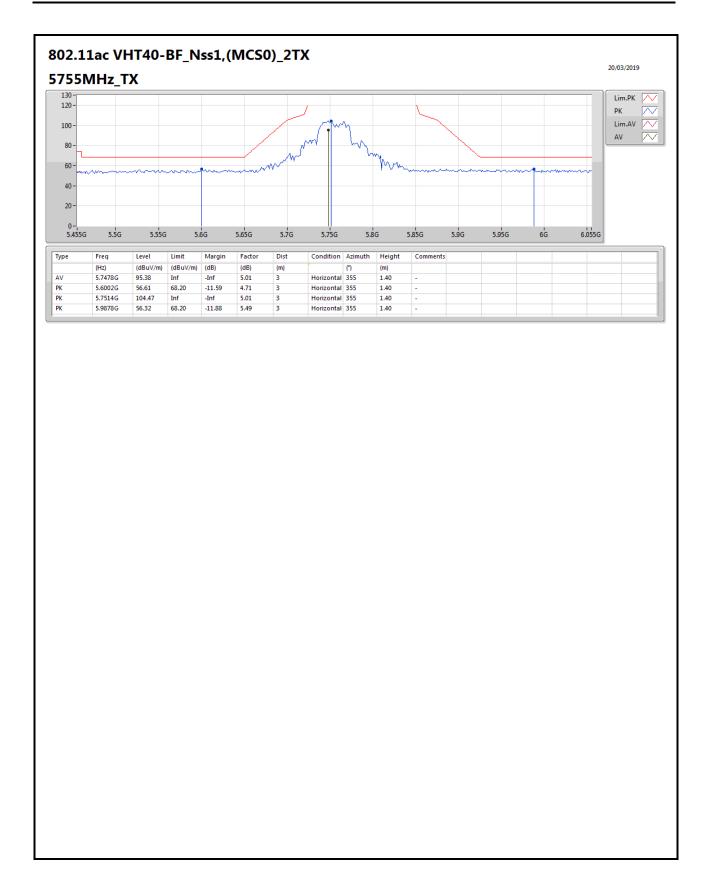




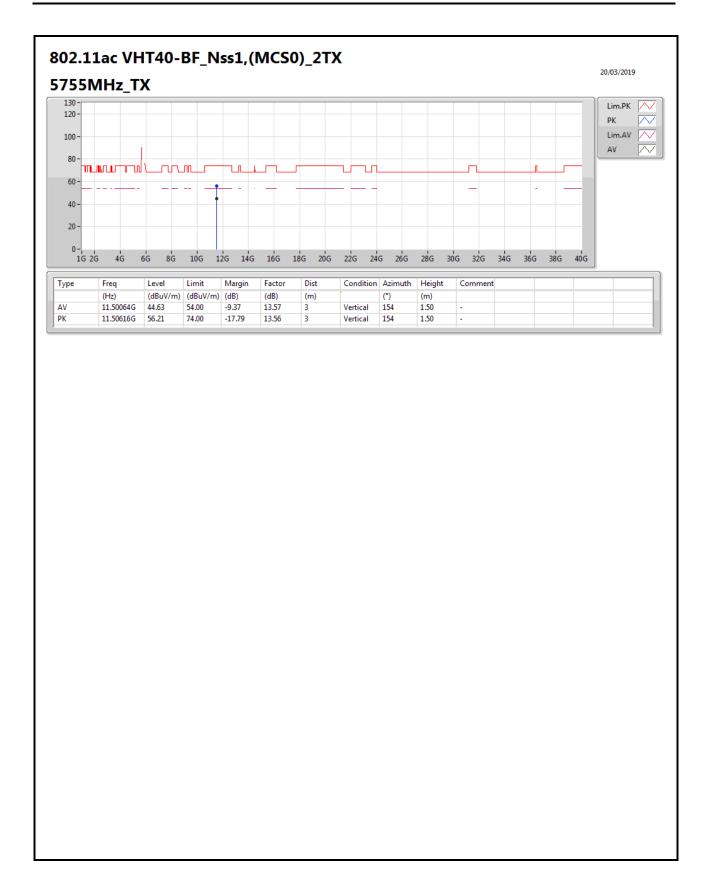




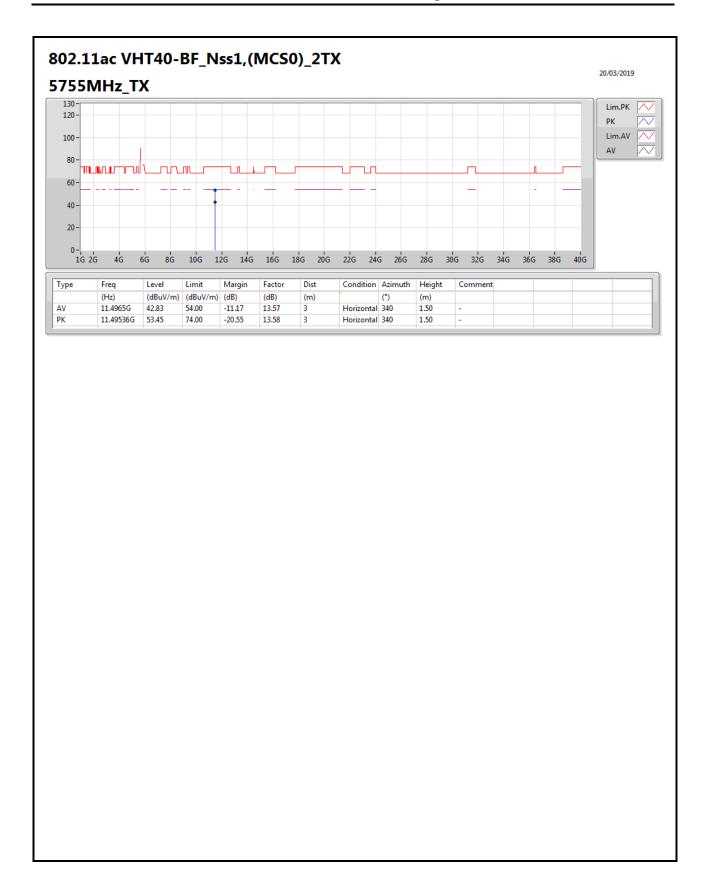




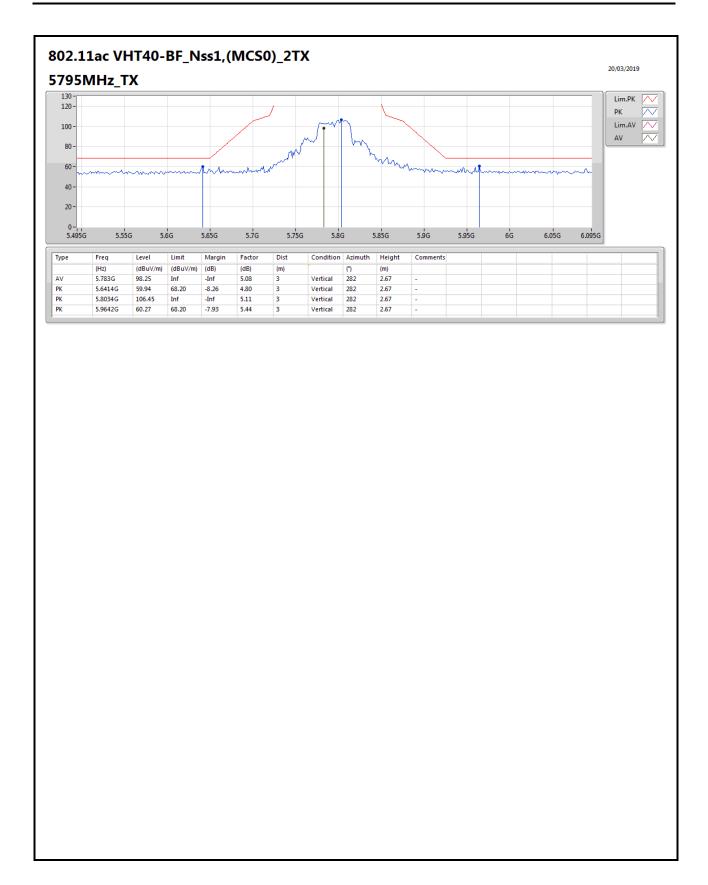




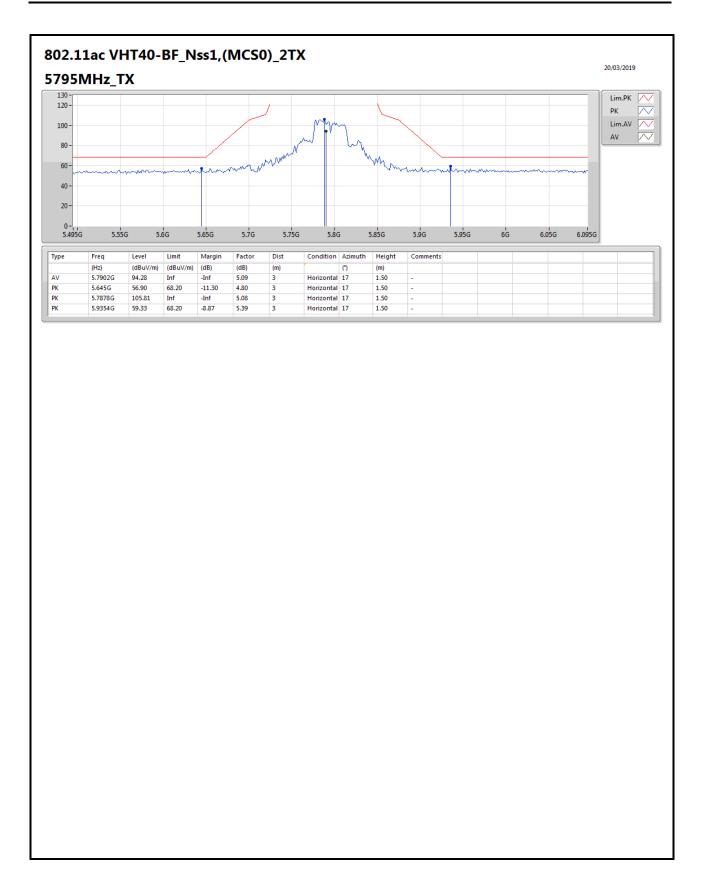




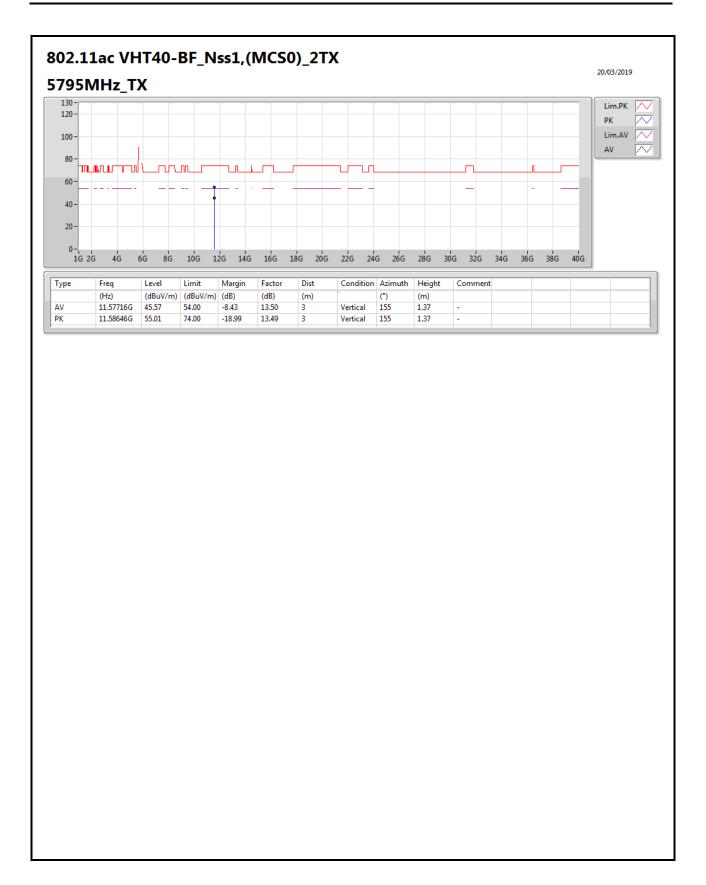




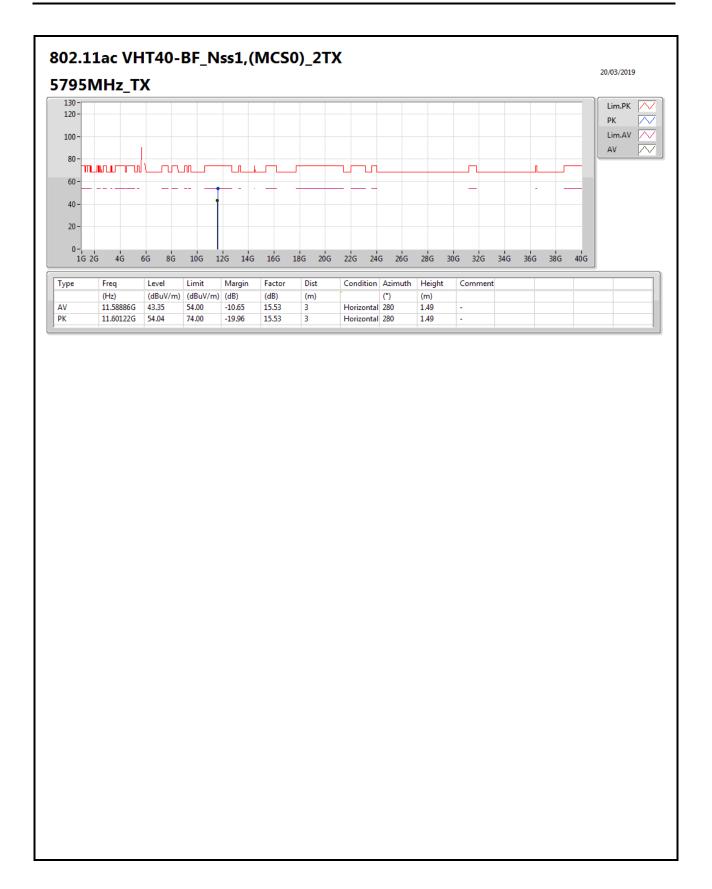




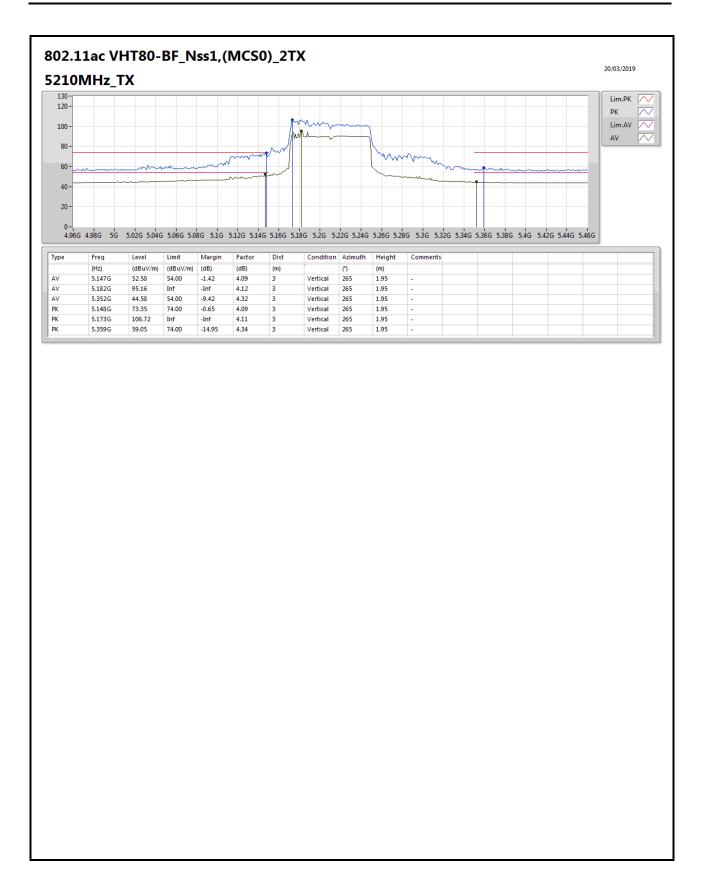




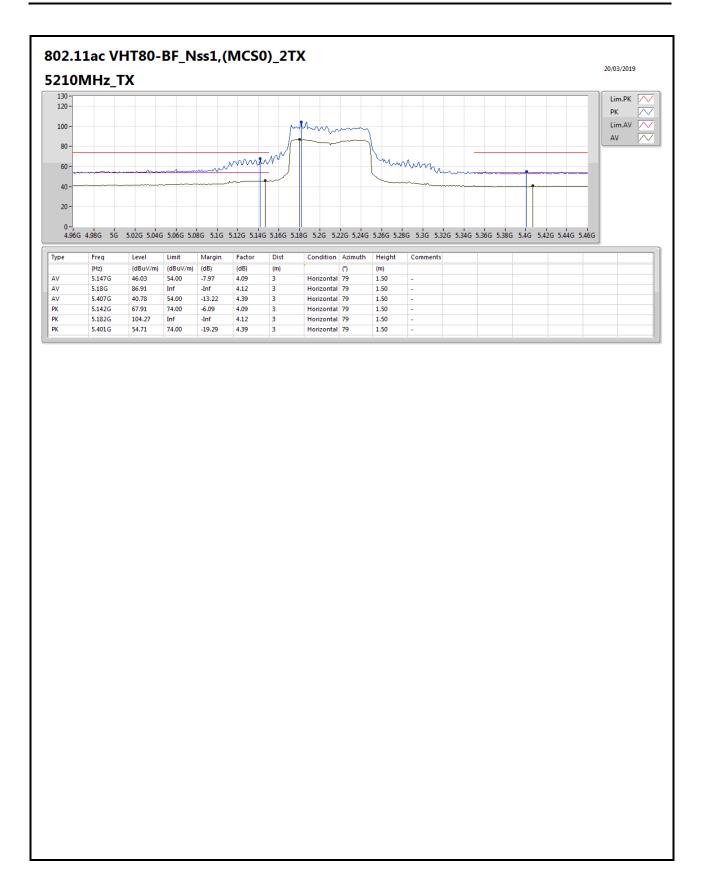




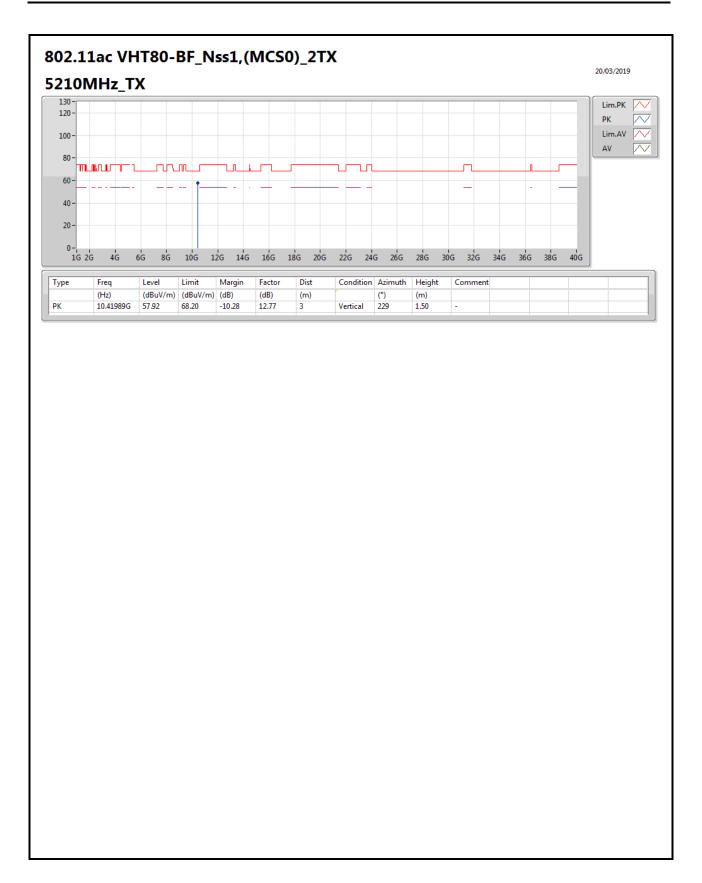




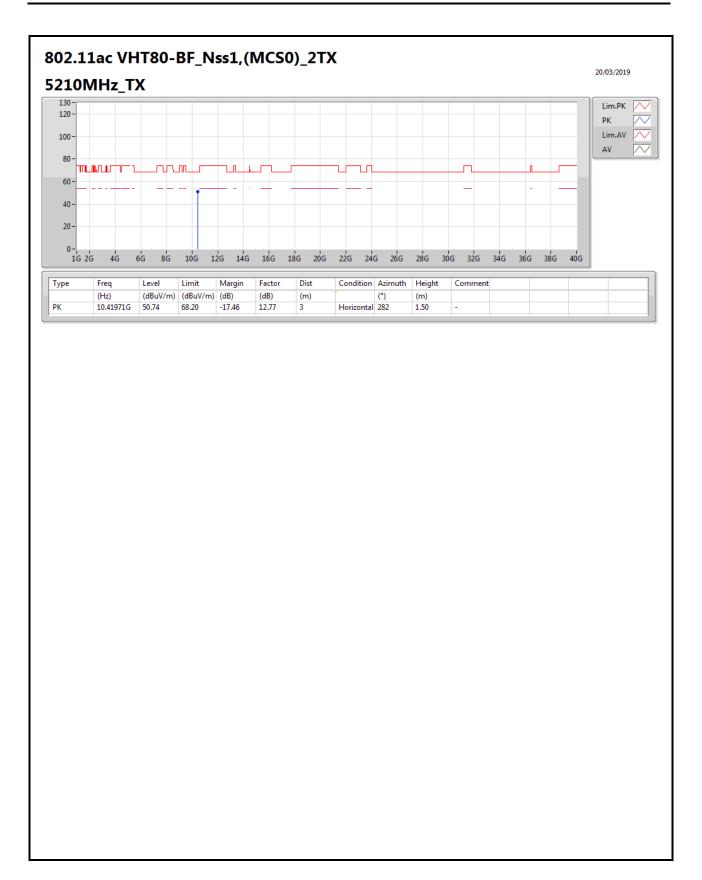




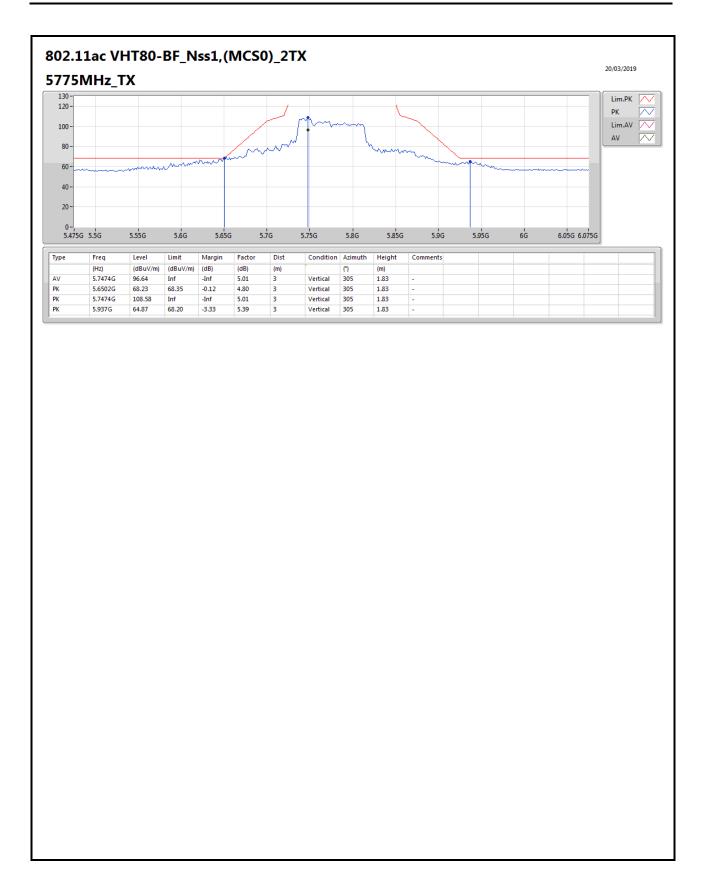




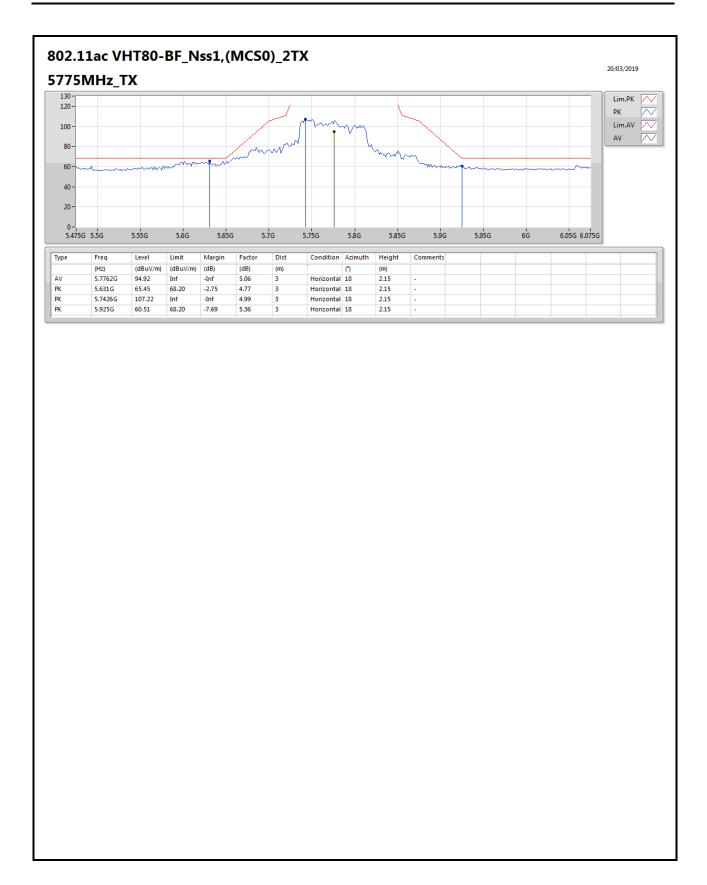




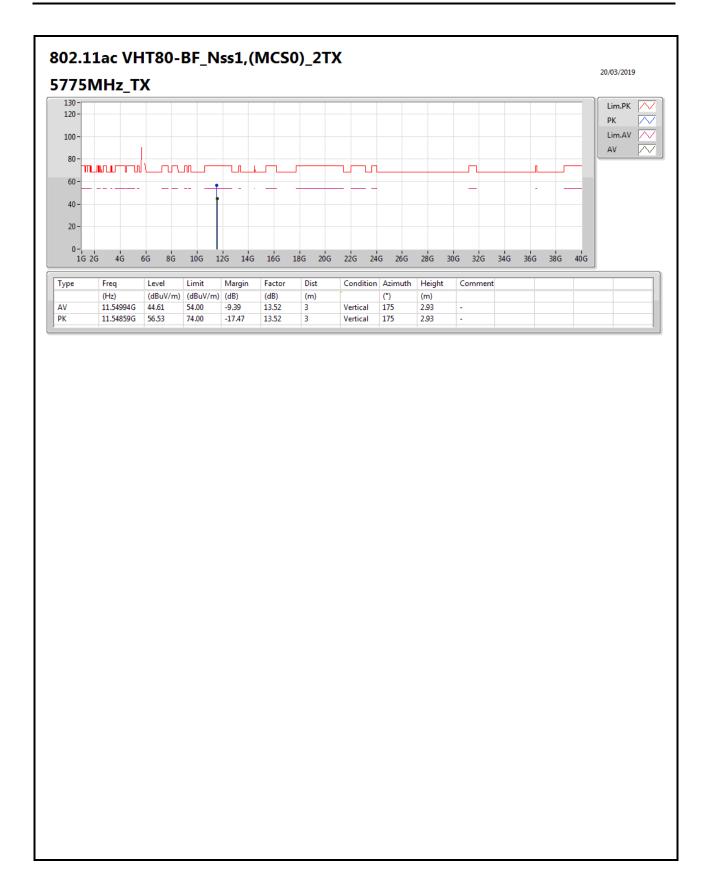




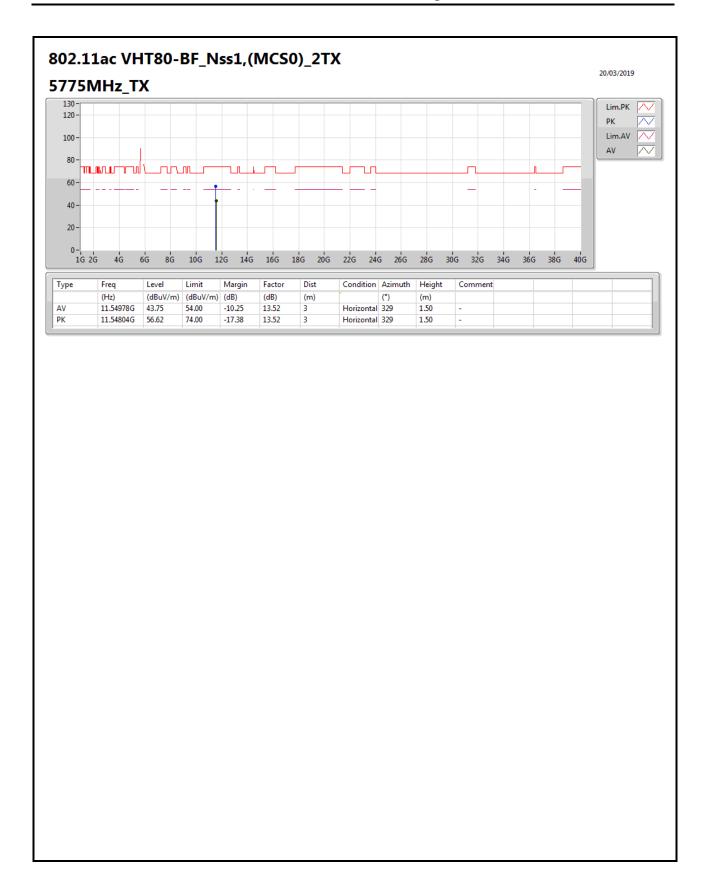












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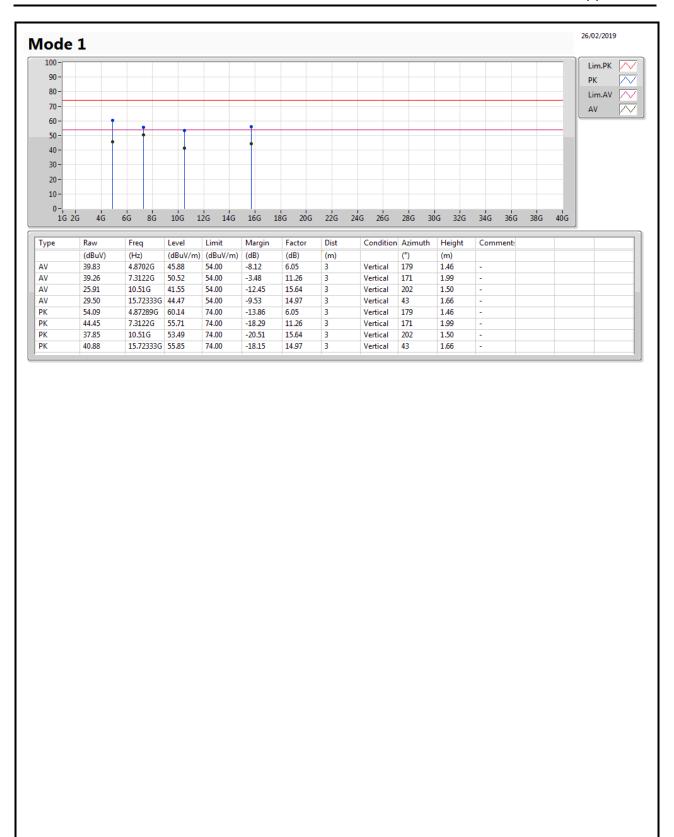


Co-Location Appendix F

Summary

Mode	Result	Туре	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
Mode 1	Pass	AV	7.3122G	50.52	54.00	-3.48	11.26	3	Vertical	171	1.99	-

Co-Location Appendix F



Co-Location Appendix F

