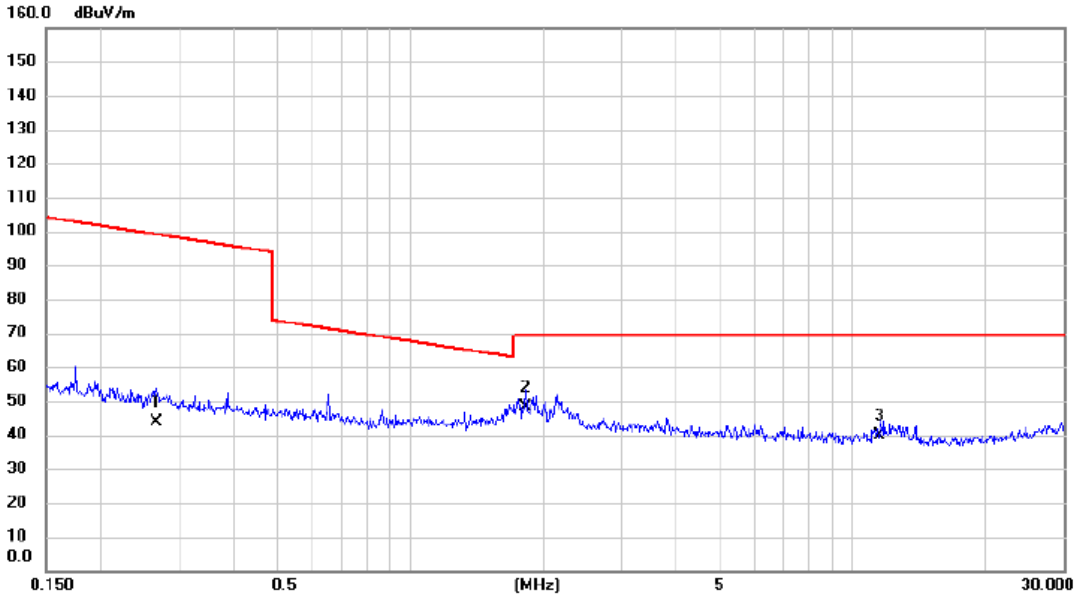
Test Mode:	TX Mode_Adapter AMS135-1201000FU

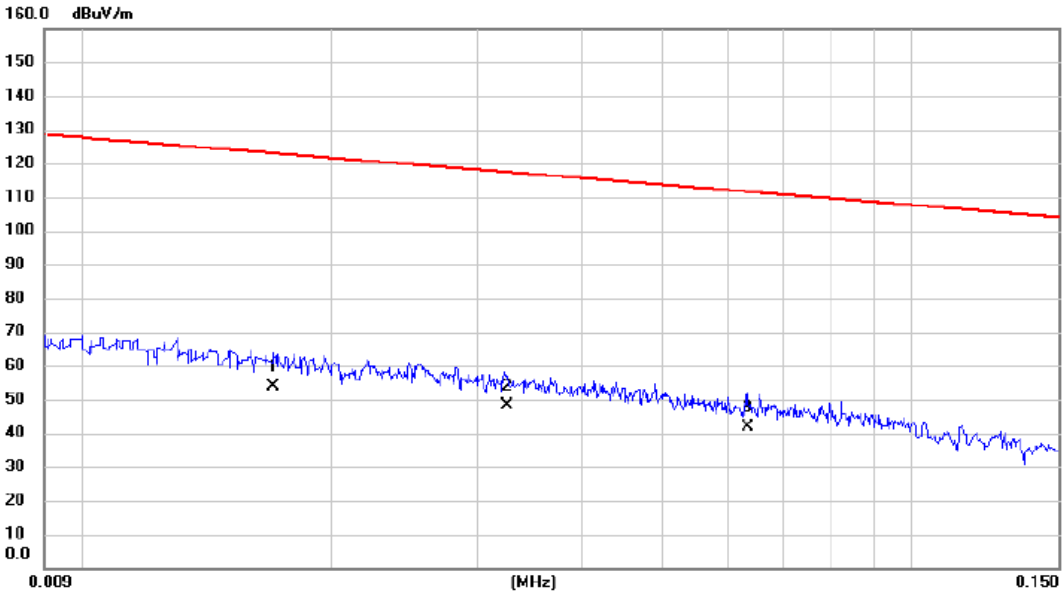
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2672	26.80	17.05	43.85	99.07	-55.22	AVG	
2	*	1.8288	31.30	17.02	48.32	69.54	-21.22	QP	
3		11.5594	25.40	14.46	39.86	69.54	-29.68	QP	

Test Mode:	TX Mode_Adapter AMS135-1201000FU

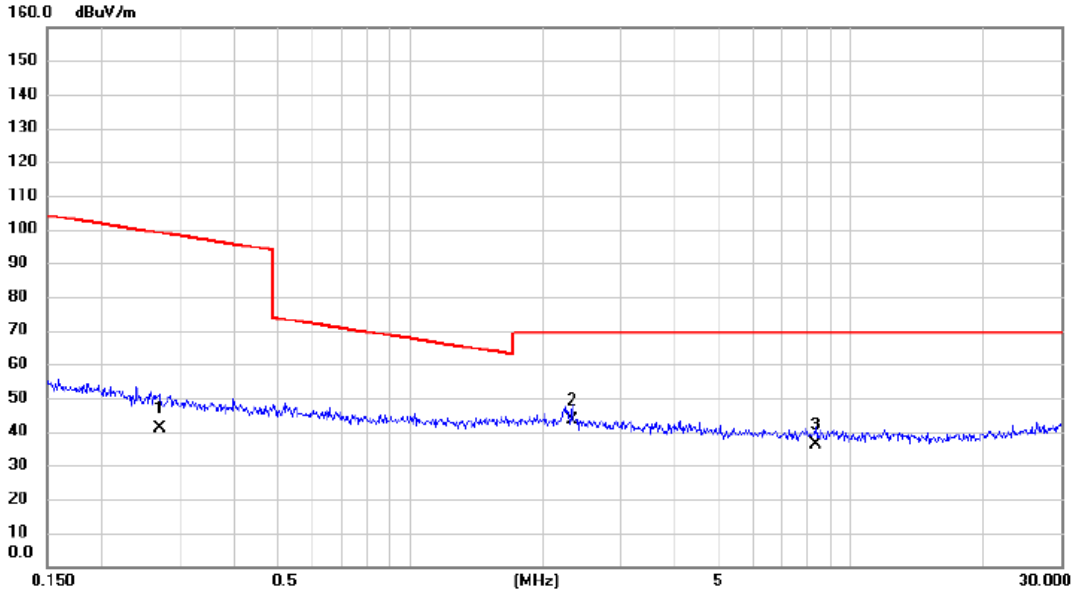
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0170	33.20	20.44	53.64	123.00	-69.36	AVG	
2	*	0.0325	28.50	19.82	48.32	117.37	-69.05	AVG	
3		0.0634	22.50	19.26	41.76	111.56	-69.80	AVG	

Test Mode:	TX Mode_Adapter AMS135-1201000FU

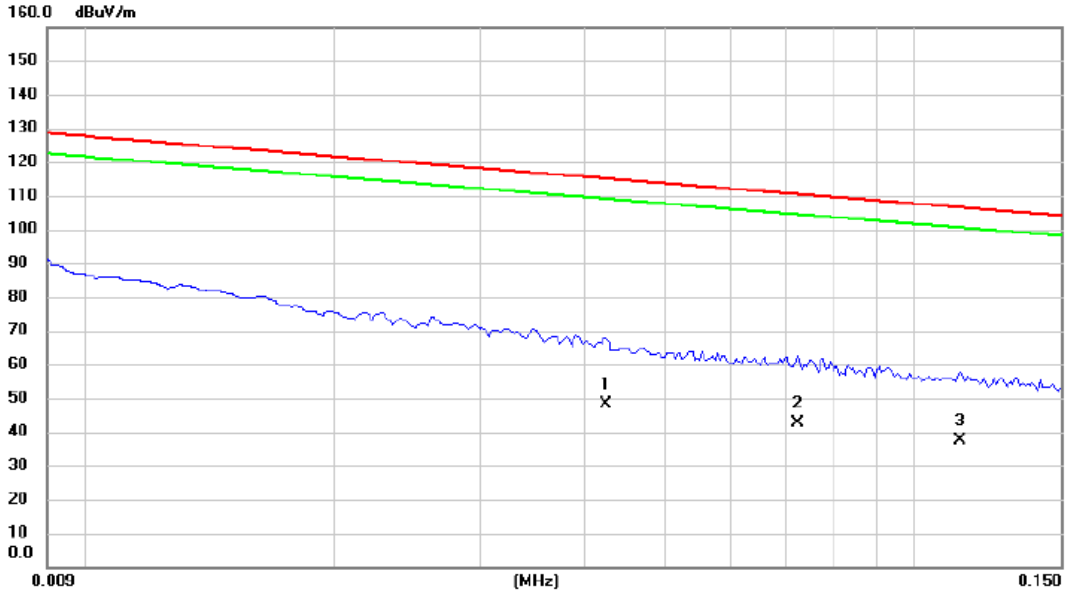
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2701	23.80	17.05	40.85	98.97	-58.12	AVG	
2	*	2.3336	26.50	16.92	43.42	69.54	-26.12	QP	
3		8.3228	21.70	14.61	36.31	69.54	-33.23	QP	

Test Mode:	TX Mode_Adapter AD120A120100UV

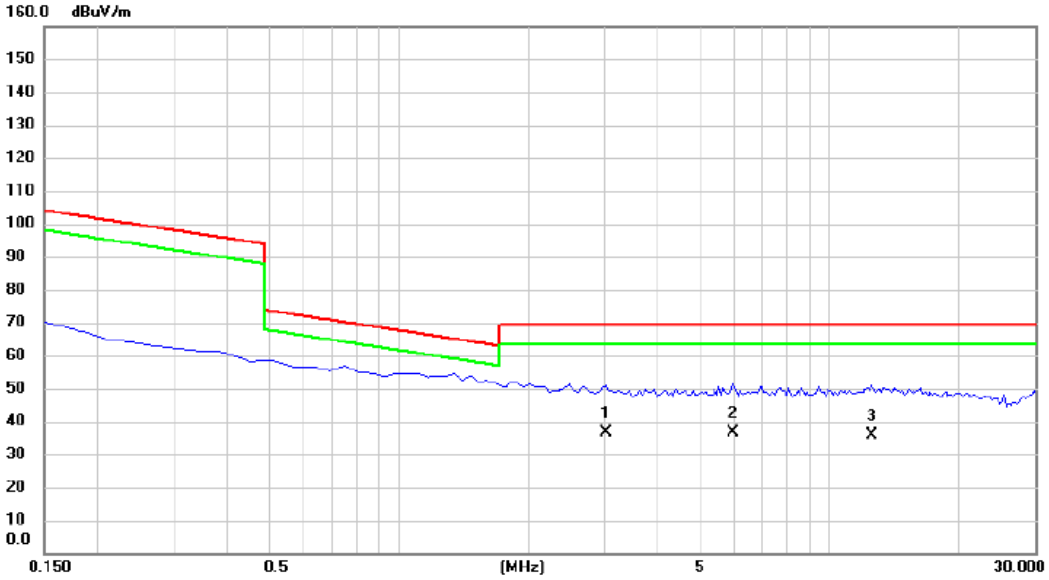
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0425	-17.91	66.08	48.17	115.04	-66.87	AVG	
2		0.0723	-18.42	61.02	42.60	110.42	-67.82	AVG	
3		0.1135	-19.97	57.20	37.23	106.51	-69.28	AVG	

Test Mode:	TX Mode_Adapter AD120A120100UV

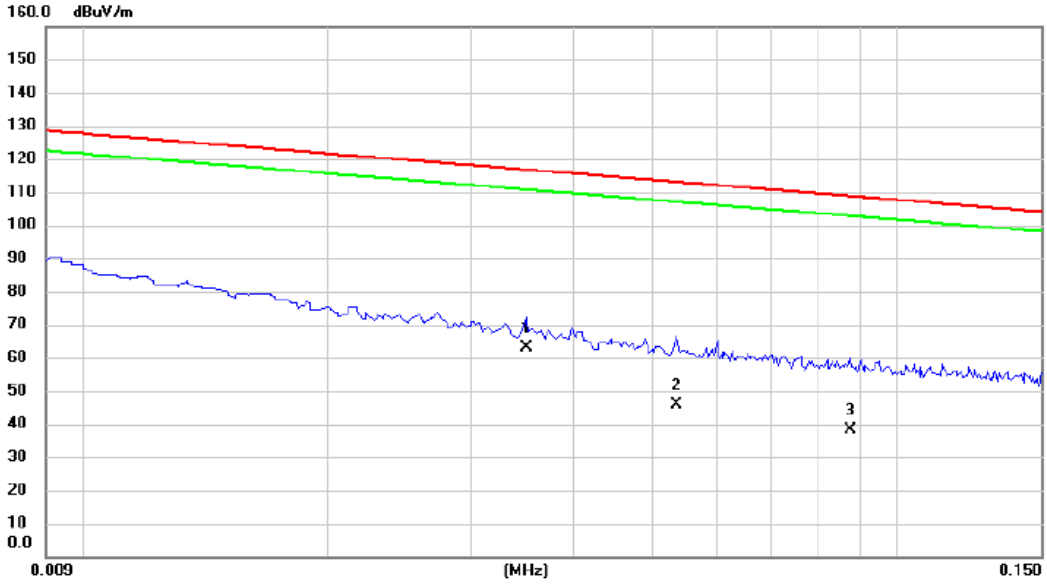
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		3.0213	-1.45	38.00	36.55	69.54	-32.99	QP	
2	*	5.9525	-1.08	37.80	36.72	69.54	-32.82	QP	
3		12.5327	-1.96	37.92	35.96	69.54	-33.58	QP	

Test Mode:	TX Mode_Adapter AD120A120100UV

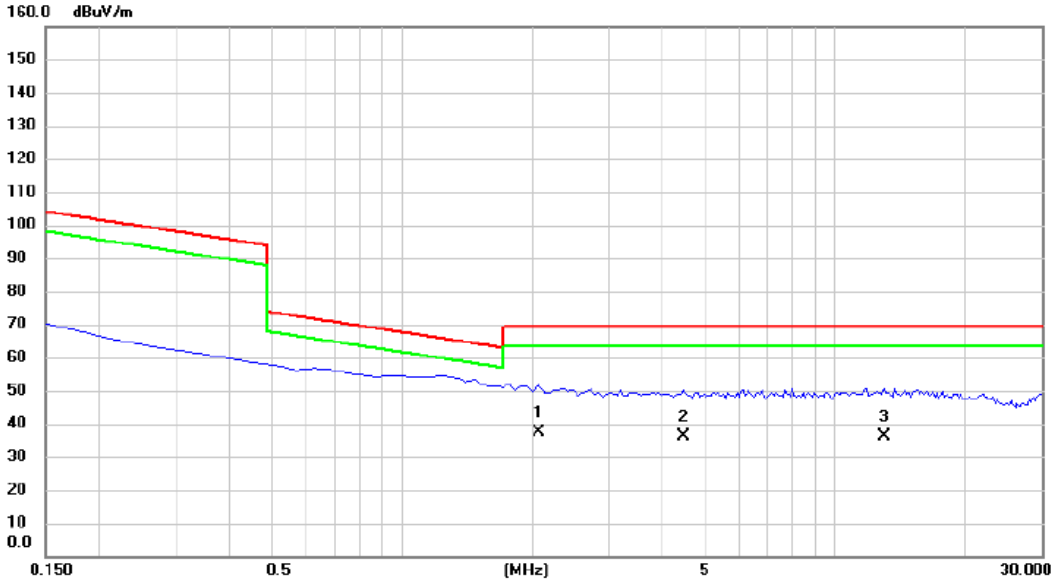
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0350	-5.19	68.20	63.01	116.72	-53.71	AVG	
2		0.0536	-18.05	63.70	45.65	113.02	-67.37	AVG	
3		0.0875	-21.17	59.43	38.26	108.76	-70.50	AVG	

Test Mode:	TX Mode_Adapter AD120A120100UV

Ant 90°

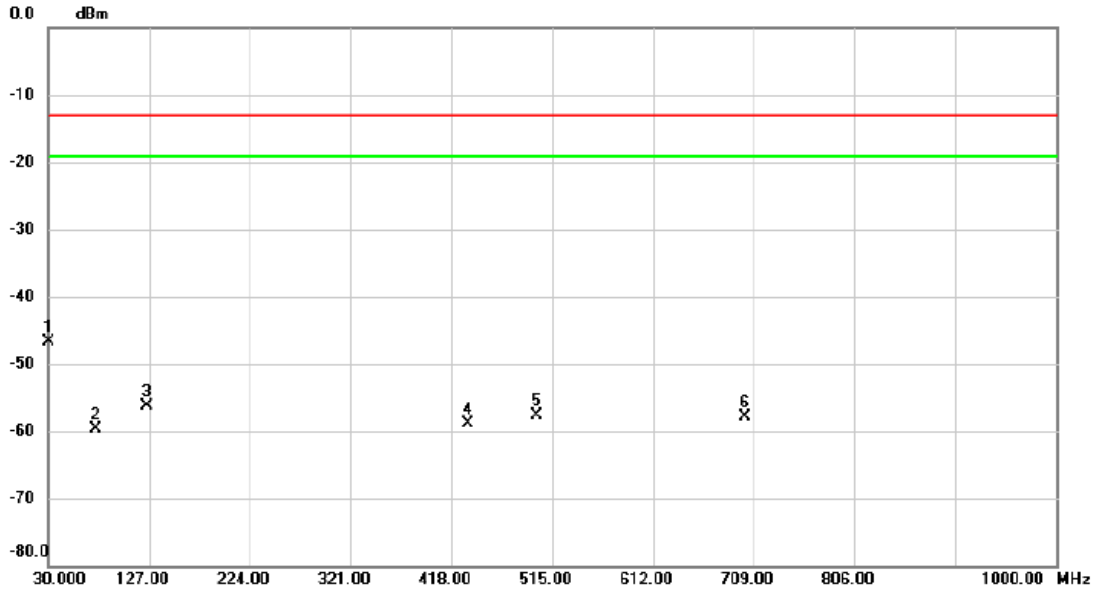


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2.0641	-1.48	38.75	37.27	69.54	-32.27	QP	
2		4.4570	-1.43	37.81	36.38	69.54	-33.16	QP	
3		12.9514	-1.96	37.97	36.01	69.54	-33.53	QP	

APPENDIX E - RADIATED EMISSION (30MHZ TO 1GHZ)

Test Mode:	LTE Band 5_TX CH20525_1.4M_Adapter AMS135-1201000FU

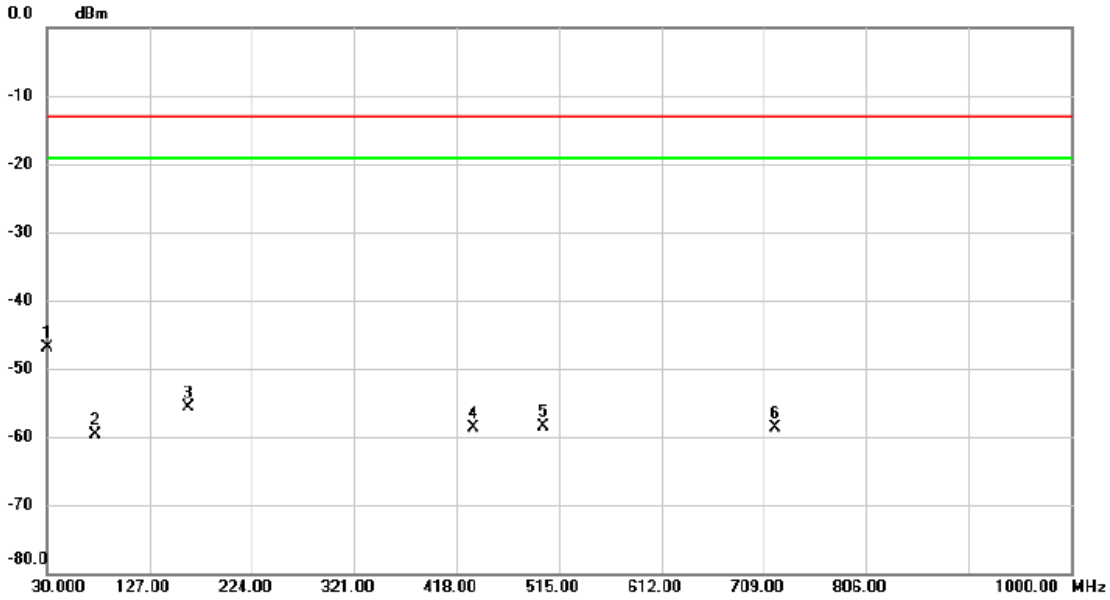
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-38.70	-8.08	-46.78	-13.00	-33.78	peak	
2		75.5900	-48.70	-10.91	-59.61	-13.00	-46.61	peak	
3		125.0600	-48.47	-7.84	-56.31	-13.00	-43.31	peak	
4		433.5200	-55.48	-3.33	-58.81	-13.00	-45.81	peak	
5		499.4800	-55.51	-2.14	-57.65	-13.00	-44.65	peak	
6		700.2700	-58.23	0.36	-57.87	-13.00	-44.87	peak	

Test Mode:	LTE Band 5_TX CH20525_1.4M_Adapter AMS135-1201000FU

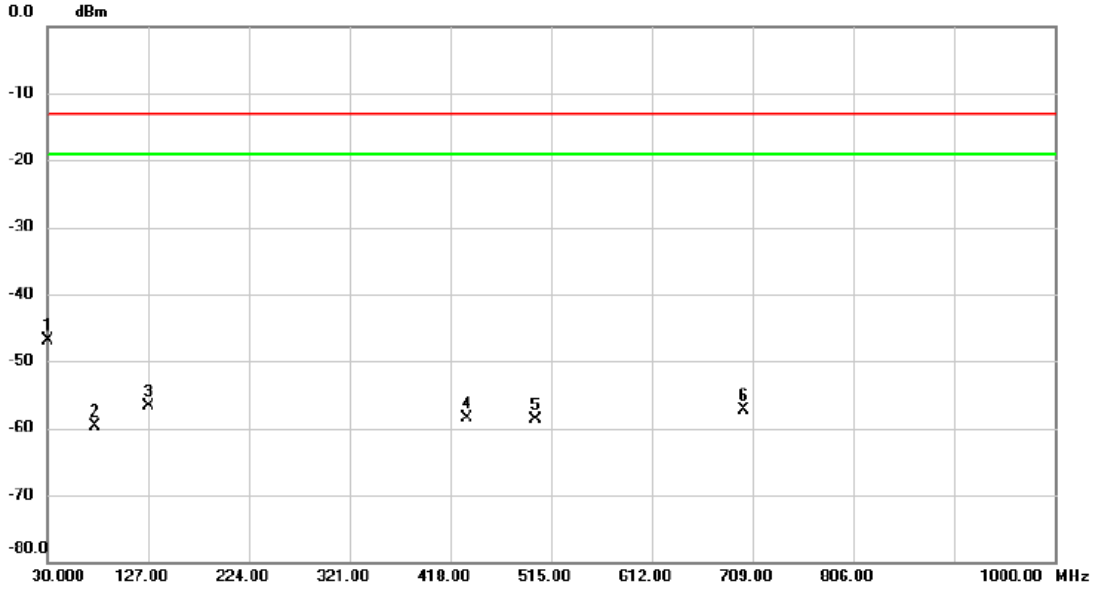
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-38.88	-8.08	-46.96	-13.00	-33.96	peak	
2		75.5900	-48.73	-10.91	-59.64	-13.00	-46.64	peak	
3		163.8600	-49.35	-6.44	-55.79	-13.00	-42.79	peak	
4		433.5200	-55.33	-3.33	-58.66	-13.00	-45.66	peak	
5		499.4800	-56.27	-2.14	-58.41	-13.00	-45.41	peak	
6		719.6700	-59.47	0.85	-58.62	-13.00	-45.62	peak	

Test Mode:	LTE Band 5_TX CH20525_5M_Adapter AMS135-1201000FU

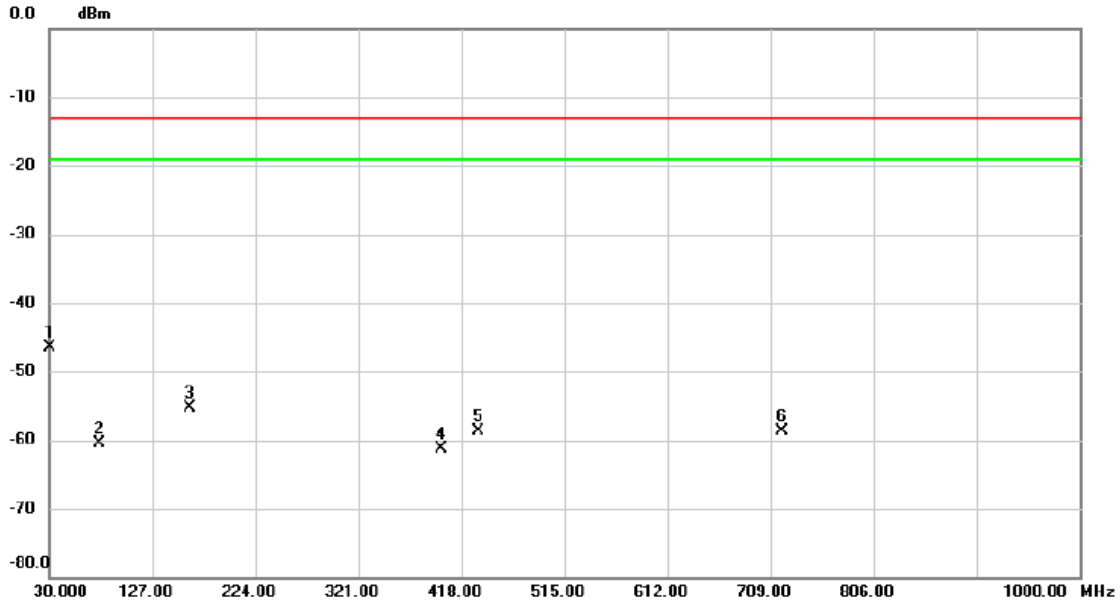
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-38.90	-8.08	-46.98	-13.00	-33.98	peak	
2		75.5900	-48.70	-10.91	-59.61	-13.00	-46.61	peak	
3		127.0000	-48.86	-7.76	-56.62	-13.00	-43.62	peak	
4		433.5200	-55.23	-3.33	-58.56	-13.00	-45.56	peak	
5		500.4500	-56.49	-2.12	-58.61	-13.00	-45.61	peak	
6		700.2700	-57.75	0.36	-57.39	-13.00	-44.39	peak	

Test Mode:	LTE Band 5_TX CH20525_5M_Adapter AMS135-1201000FU

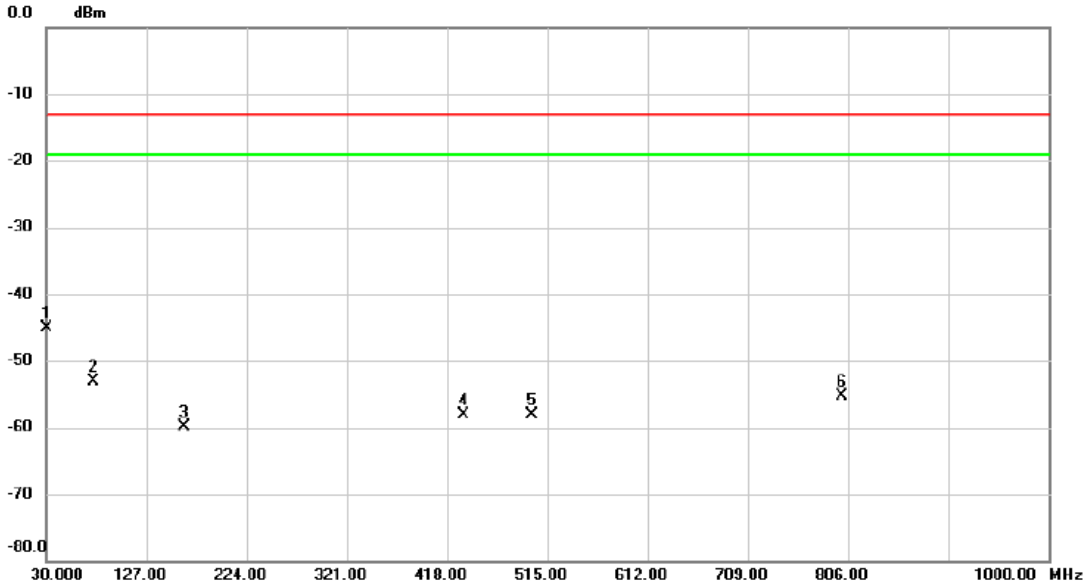
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-38.42	-8.08	-46.50	-13.00	-33.50	peak	
2		77.5300	-49.26	-11.15	-60.41	-13.00	-47.41	peak	
3		162.8900	-48.97	-6.39	-55.36	-13.00	-42.36	peak	
4		399.5700	-56.67	-4.57	-61.24	-13.00	-48.24	peak	
5		433.5200	-55.31	-3.33	-58.64	-13.00	-45.64	peak	
6		719.6700	-59.60	0.85	-58.75	-13.00	-45.75	peak	

Test Mode:	LTE Band 5_TX CH20525_10M_Adapter AMS135-1201000FU

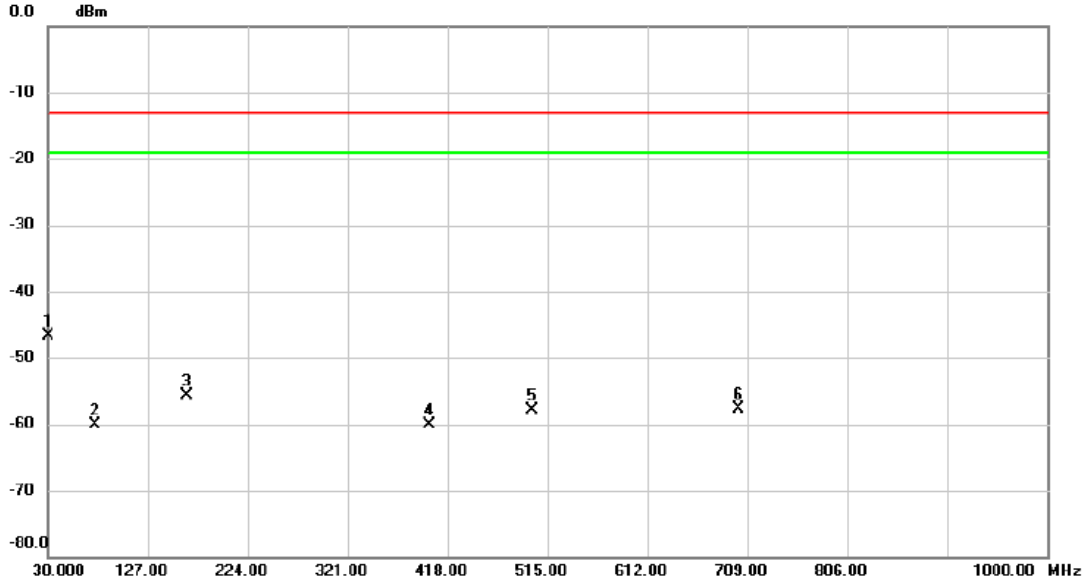
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-37.04	-8.08	-45.12	-13.00	-32.12	peak	
2		75.5900	-42.12	-10.91	-53.03	-13.00	-40.03	peak	
3		163.8600	-53.42	-6.44	-59.86	-13.00	-46.86	peak	
4		433.5200	-54.79	-3.33	-58.12	-13.00	-45.12	peak	
5		500.4500	-55.94	-2.12	-58.06	-13.00	-45.06	peak	
6		800.1800	-57.38	1.99	-55.39	-13.00	-42.39	peak	

Test Mode:	LTE Band 5_TX CH20525_10M_Adapter AMS135-1201000FU

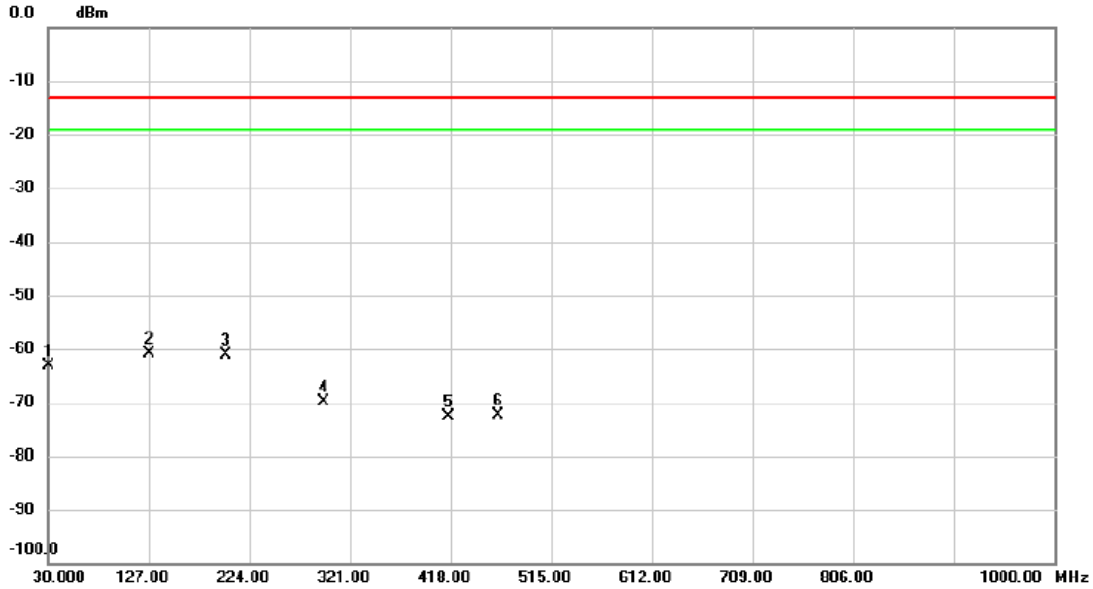
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-38.64	-8.08	-46.72	-13.00	-33.72	peak	
2		75.5900	-49.23	-10.91	-60.14	-13.00	-47.14	peak	
3		164.8300	-49.24	-6.49	-55.73	-13.00	-42.73	peak	
4		400.5400	-55.59	-4.55	-60.14	-13.00	-47.14	peak	
5		500.4500	-55.79	-2.12	-57.91	-13.00	-44.91	peak	
6		700.2700	-58.01	0.36	-57.65	-13.00	-44.65	peak	

Test Mode:	LTE Band 5_TX CH20525_1.4M_Adapter AD120A120100UV

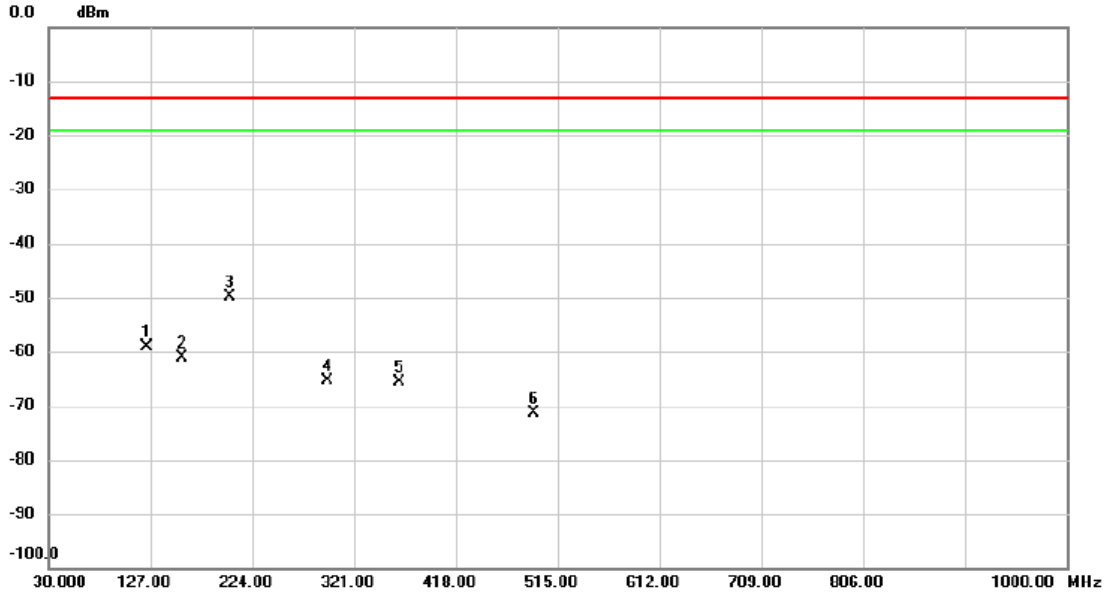
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.9700	-45.50	-17.61	-63.11	-13.00	-50.11	peak	
2	*	127.0000	-43.57	-17.35	-60.92	-13.00	-47.92	peak	
3		201.6900	-41.33	-19.79	-61.12	-13.00	-48.12	peak	
4		295.7800	-53.52	-16.24	-69.76	-13.00	-56.76	peak	
5		416.0600	-58.98	-13.53	-72.51	-13.00	-59.51	peak	
6		463.5900	-60.08	-12.34	-72.42	-13.00	-59.42	peak	

Test Mode:	LTE Band 5_TX CH20525_1.4M_Adapter AD120A120100UV

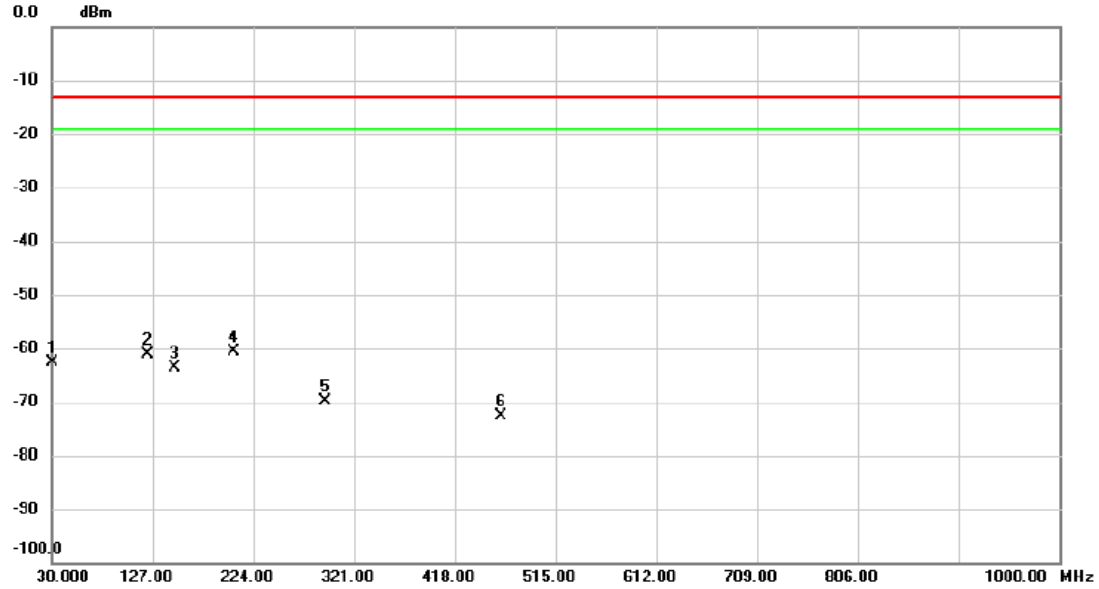
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		124.0900	-41.74	-17.47	-59.21	-13.00	-46.21	peak	
2		157.0700	-45.29	-15.73	-61.02	-13.00	-48.02	peak	
3	*	202.6600	-30.17	-19.76	-49.93	-13.00	-36.93	peak	
4		295.7800	-49.03	-16.24	-65.27	-13.00	-52.27	peak	
5		364.6500	-51.49	-14.19	-65.68	-13.00	-52.68	peak	
6		491.7200	-59.46	-11.91	-71.37	-13.00	-58.37	peak	

Test Mode:	LTE Band 5_TX CH20525_5M_Adapter AD120A120100UV

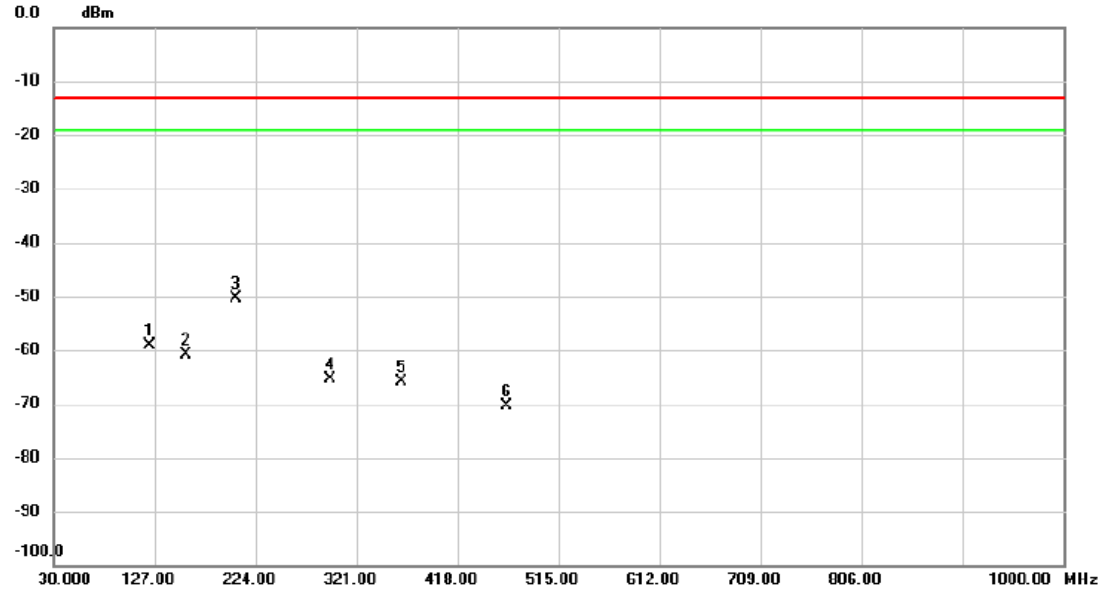
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.0000	-45.00	-17.67	-62.67	-13.00	-49.67	peak	
2		122.1500	-43.47	-17.57	-61.04	-13.00	-48.04	peak	
3		148.3400	-48.01	-15.68	-63.69	-13.00	-50.69	peak	
4	*	204.6000	-40.97	-19.67	-60.64	-13.00	-47.64	peak	
5		293.8400	-53.44	-16.33	-69.77	-13.00	-56.77	peak	
6		462.6200	-60.29	-12.35	-72.64	-13.00	-59.64	peak	

Test Mode:	LTE Band 5_TX CH20525_5M_Adapter AD120A120100UV

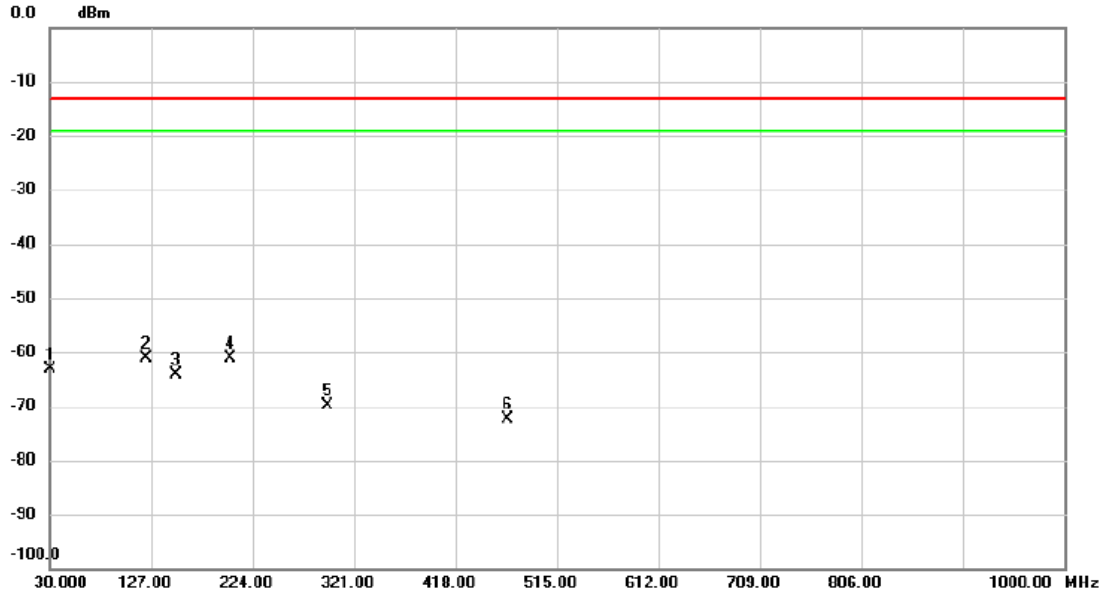
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		122.1500	-41.45	-17.57	-59.02	-13.00	-46.02	peak	
2		157.0700	-45.02	-15.73	-60.75	-13.00	-47.75	peak	
3	*	204.6000	-30.64	-19.67	-50.31	-13.00	-37.31	peak	
4		295.7800	-49.08	-16.24	-65.32	-13.00	-52.32	peak	
5		363.6800	-51.63	-14.17	-65.80	-13.00	-52.80	peak	
6		465.5300	-58.09	-12.34	-70.43	-13.00	-57.43	peak	

Test Mode:	LTE Band 5_TX CH20525_10M_Adapter AD120A120100UV

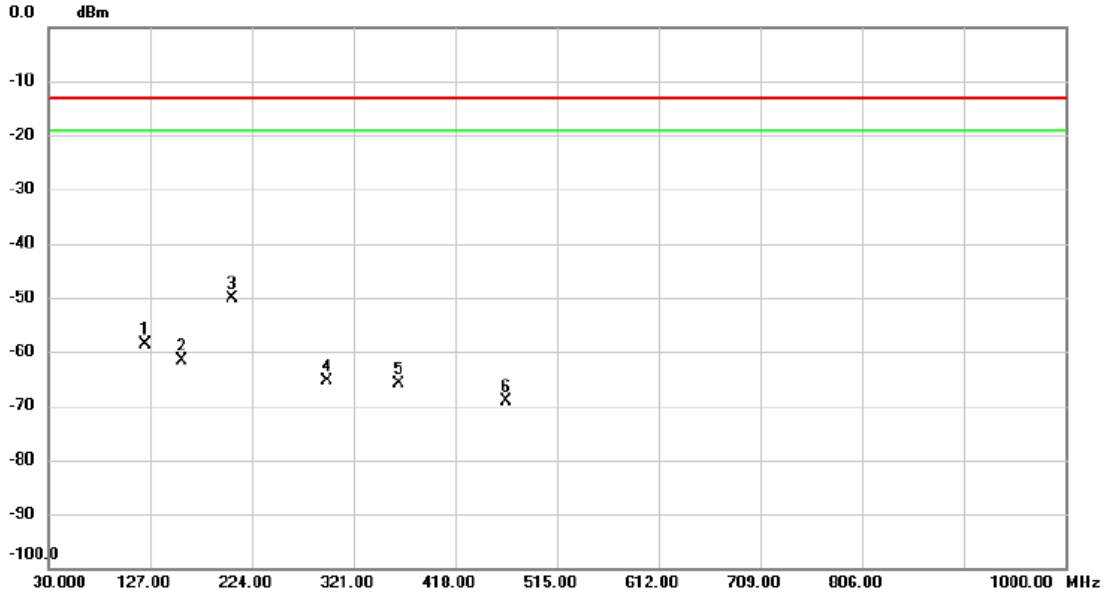
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.9700	-45.58	-17.61	-63.19	-13.00	-50.19	peak	
2	*	122.1500	-43.48	-17.57	-61.05	-13.00	-48.05	peak	
3		150.2800	-48.54	-15.55	-64.09	-13.00	-51.09	peak	
4		202.6600	-41.41	-19.76	-61.17	-13.00	-48.17	peak	
5		295.7800	-53.52	-16.24	-69.76	-13.00	-56.76	peak	
6		467.4700	-60.13	-12.33	-72.46	-13.00	-59.46	peak	

Test Mode:	LTE Band 5_TX CH20525_10M_Adapter AD120A120100UV

Horizontal

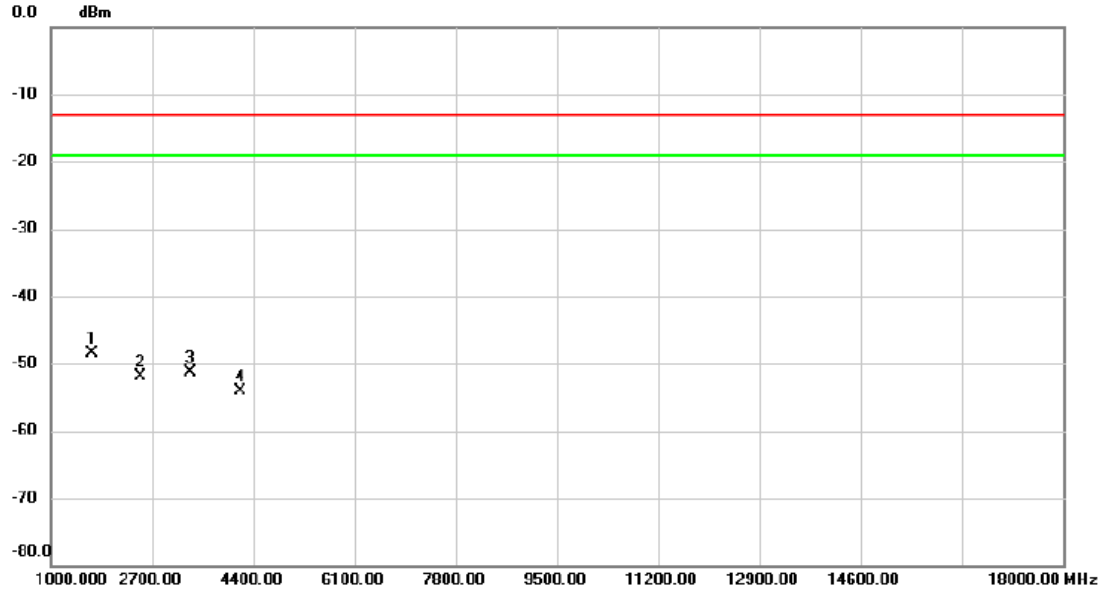


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		122.1500	-41.16	-17.57	-58.73	-13.00	-45.73	peak	
2		157.0700	-45.86	-15.73	-61.59	-13.00	-48.59	peak	
3	*	204.6000	-30.57	-19.67	-50.24	-13.00	-37.24	peak	
4		295.7800	-49.07	-16.24	-65.31	-13.00	-52.31	peak	
5		364.6500	-51.69	-14.19	-65.88	-13.00	-52.88	peak	
6		466.5000	-56.88	-12.33	-69.21	-13.00	-56.21	peak	

APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode:	LTE Band 5_TX CH20525_1.4M

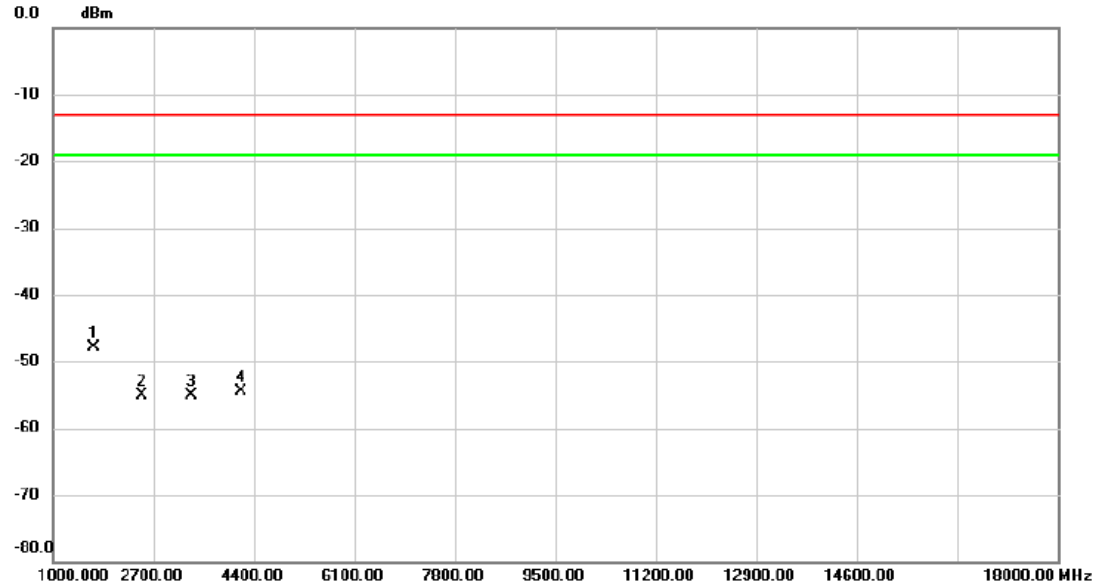
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1680.000	-40.58	-7.96	-48.54	-13.00	-35.54	peak	
2		2513.000	-46.69	-5.13	-51.82	-13.00	-38.82	peak	
3		3346.000	-48.19	-3.20	-51.39	-13.00	-38.39	peak	
4		4179.000	-53.03	-1.03	-54.06	-13.00	-41.06	peak	

Test Mode:	LTE Band 5_TX CH20525_1.4M

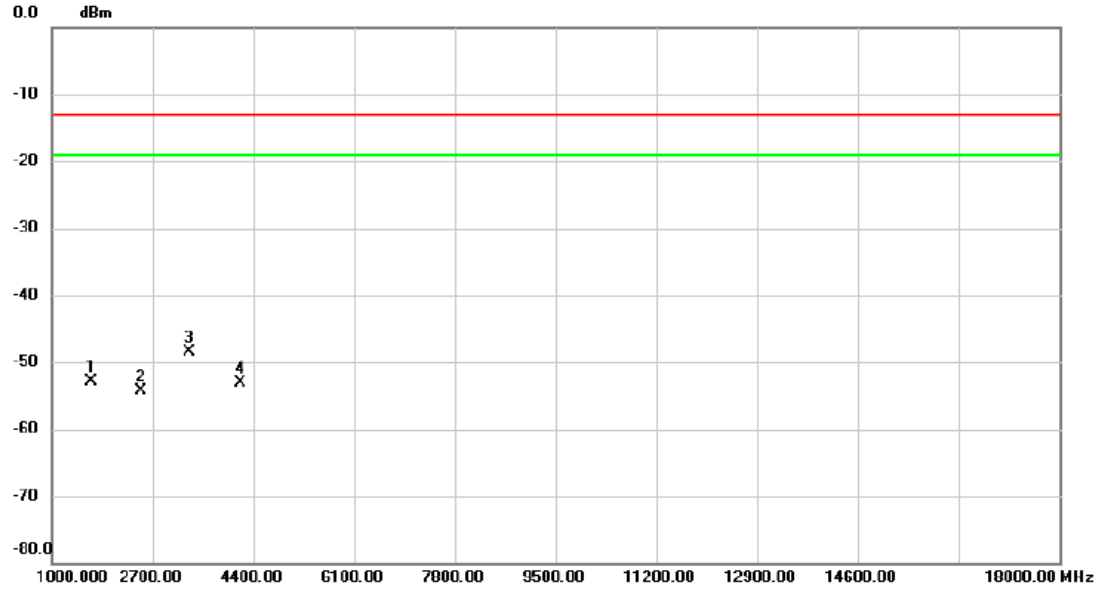
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1680.000	-40.00	-7.96	-47.96	-13.00	-34.96	peak	
2		2509.500	-50.06	-5.13	-55.19	-13.00	-42.19	peak	
3		3346.000	-51.83	-3.20	-55.03	-13.00	-42.03	peak	
4		4179.000	-53.45	-1.03	-54.48	-13.00	-41.48	peak	

Test Mode:	LTE Band 5_TX CH20525_5M

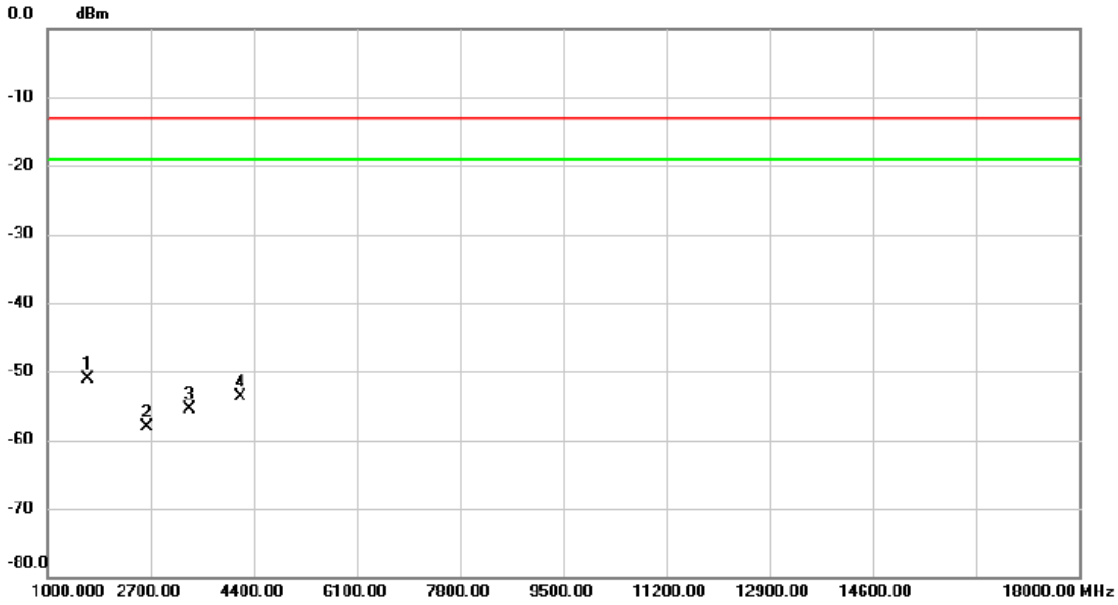
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		1663.000	-44.78	-8.03	-52.81	-13.00	-39.81	peak	
2		2496.000	-49.14	-5.17	-54.31	-13.00	-41.31	peak	
3	*	3329.000	-45.25	-3.23	-48.48	-13.00	-35.48	peak	
4		4179.000	-52.04	-1.03	-53.07	-13.00	-40.07	peak	

Test Mode:	LTE Band 5_TX CH20525_5M

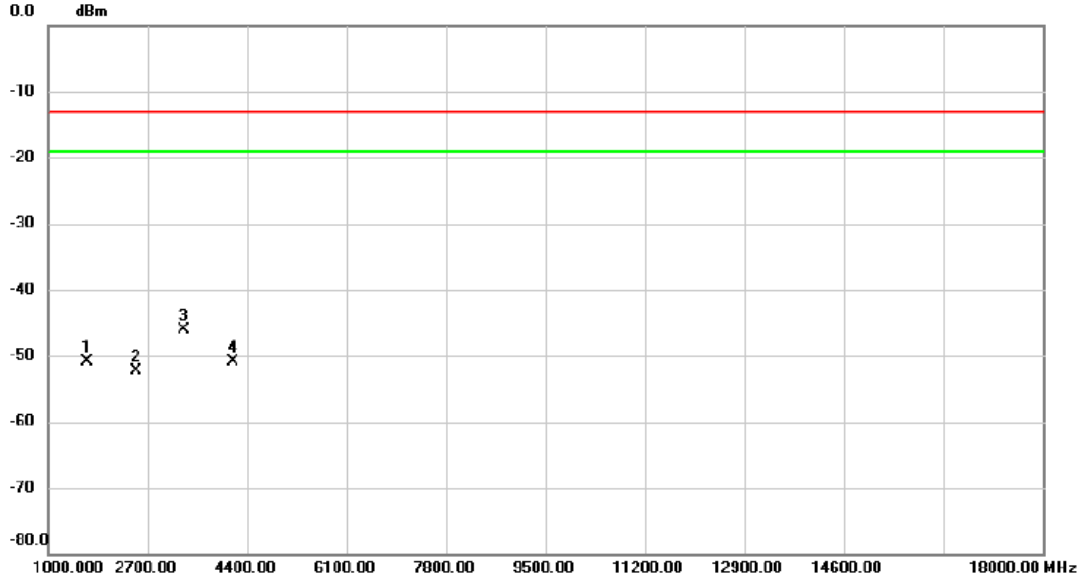
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1663.000	-43.05	-8.03	-51.08	-13.00	-38.08	peak	
2		2649.000	-53.45	-4.74	-58.19	-13.00	-45.19	peak	
3		3346.000	-52.27	-3.20	-55.47	-13.00	-42.47	peak	
4		4179.000	-52.64	-1.03	-53.67	-13.00	-40.67	peak	

Test Mode:	LTE Band 5_TX CH20525_10M

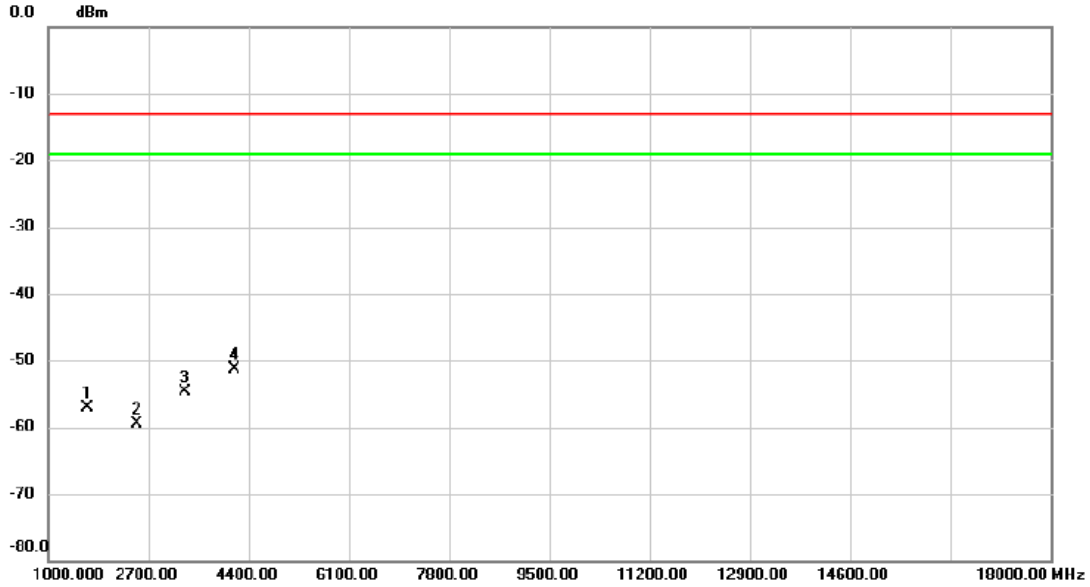
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		1663.000	-42.79	-8.03	-50.82	-13.00	-37.82	peak	
2		2496.000	-47.18	-5.17	-52.35	-13.00	-39.35	peak	
3	*	3329.000	-42.83	-3.23	-46.06	-13.00	-33.06	peak	
4		4162.000	-49.85	-1.07	-50.92	-13.00	-37.92	peak	

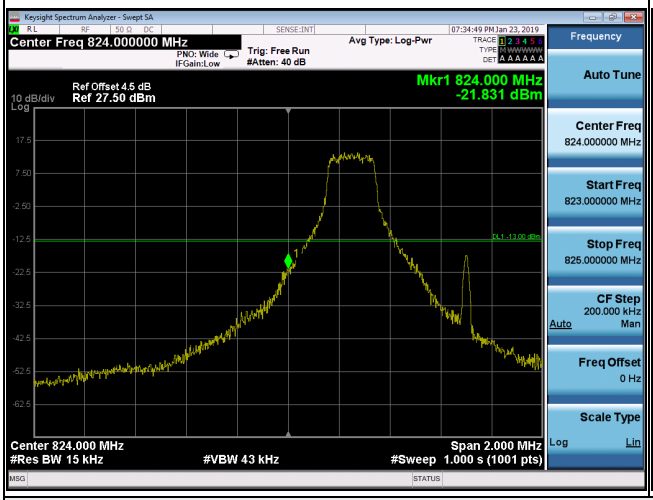
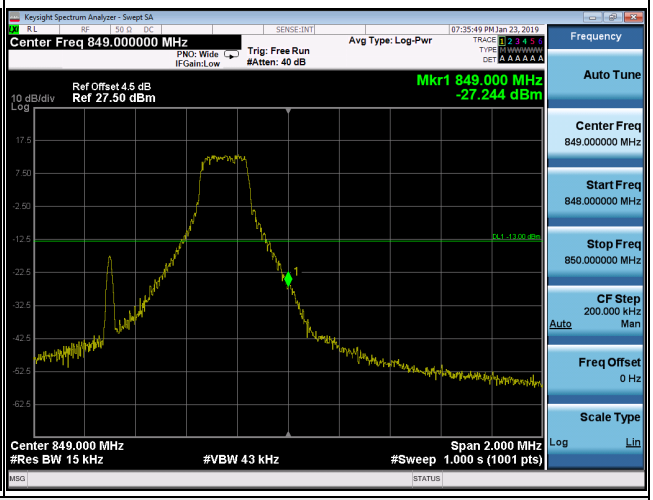
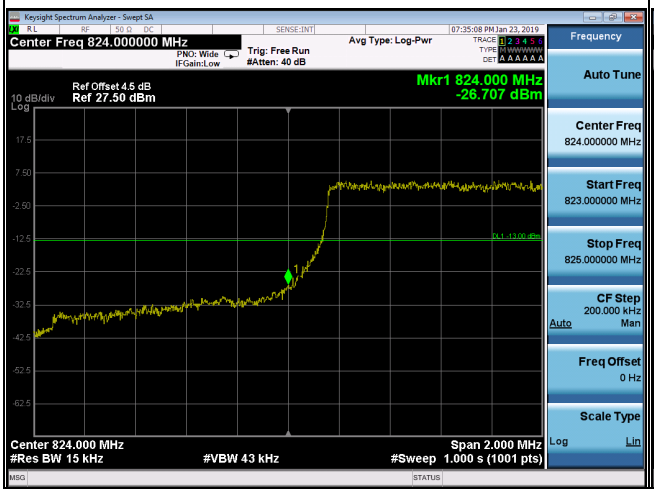
Test Mode:	LTE Band 5_TX CH20525_10M

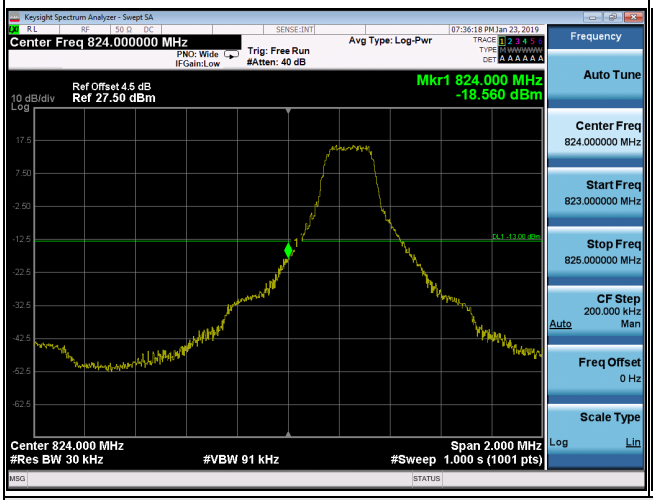
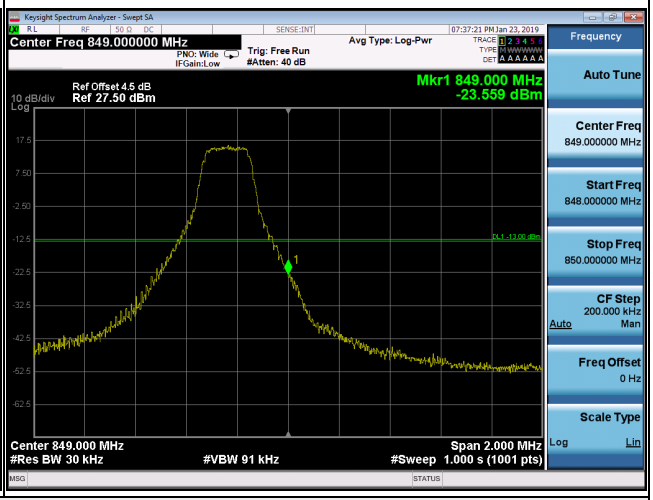
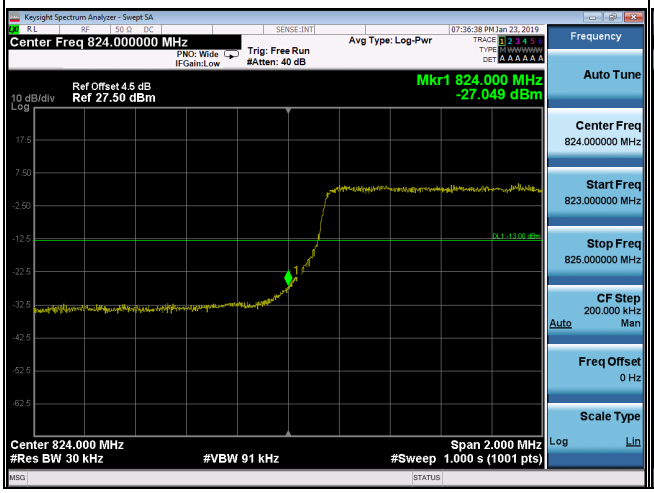
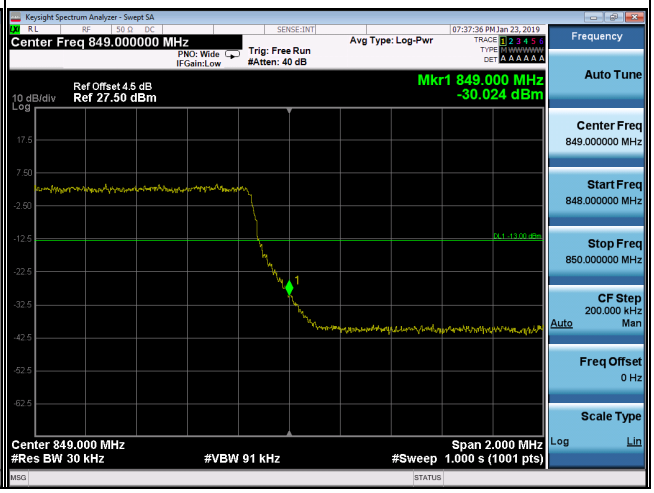
Horizontal

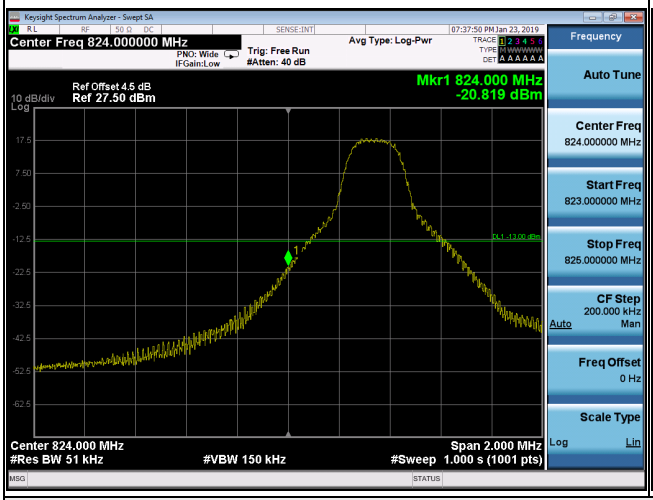
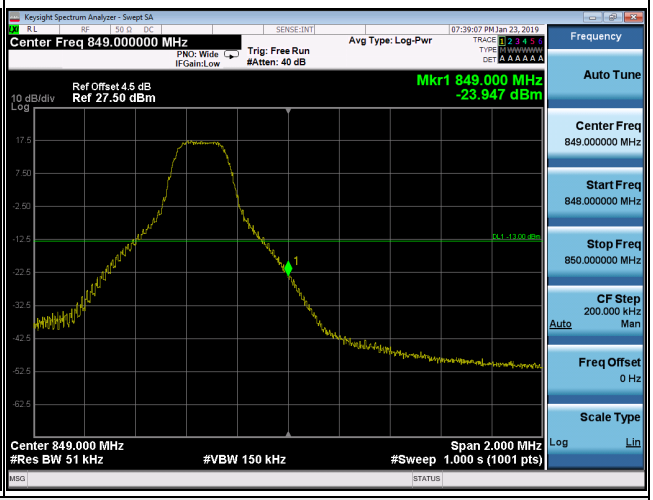
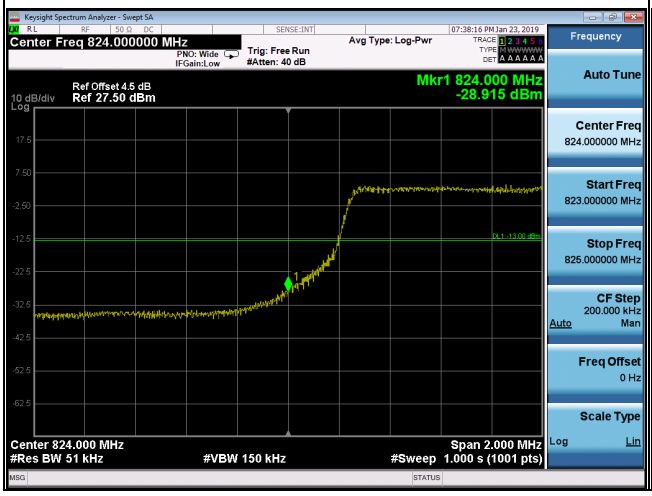


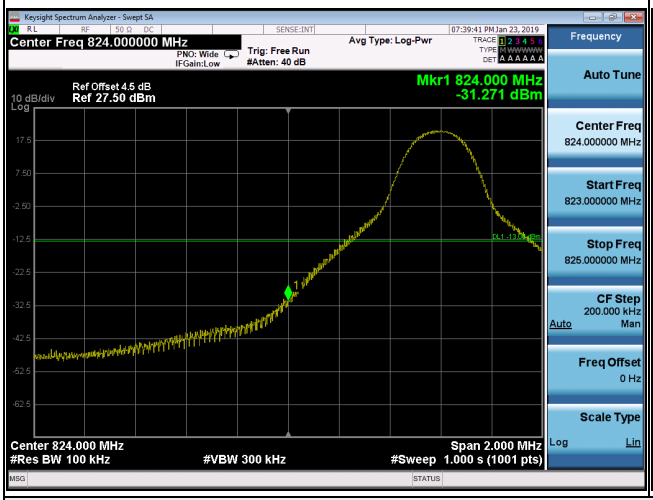
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		1663.000	-48.99	-8.03	-57.02	-13.00	-44.02	peak	
2		2496.000	-54.37	-5.17	-59.54	-13.00	-46.54	peak	
3		3329.000	-51.42	-3.23	-54.65	-13.00	-41.65	peak	
4	*	4162.000	-50.23	-1.07	-51.30	-13.00	-38.30	peak	

APPENDIX G - BAND EDGE

LTE Band 5_1.4M			
1RB0		1RB5	
Channel	20407	Channel	20643
			
6RB0			
Channel	20407	Channel	20643
			

LTE Band 5_3M			
1RB0		1RB14	
Channel	20415	Channel	20635
			
15RB0			
Channel	20415	Channel	20635
			

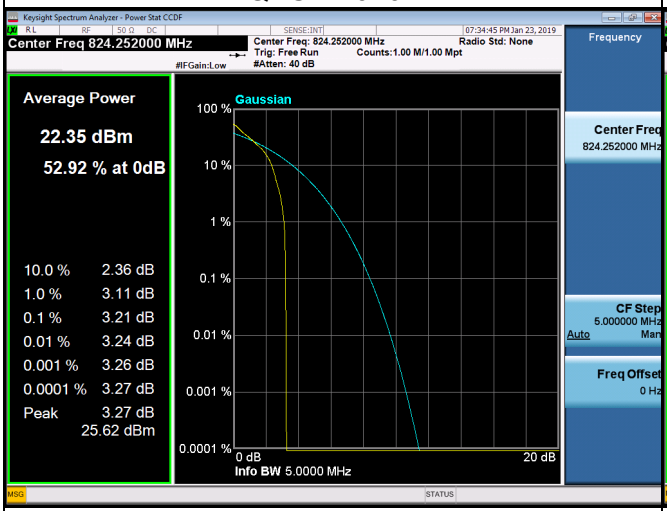
LTE Band 5_5M			
1RB0		1RB24	
Channel	20425	Channel	20625
			
25RB0			
Channel	20425	Channel	20625
			

LTE Band 5_10M			
1RB0		1RB49	
Channel	20450	Channel	20600
			
50RB0			
Channel	20450	Channel	20600
			

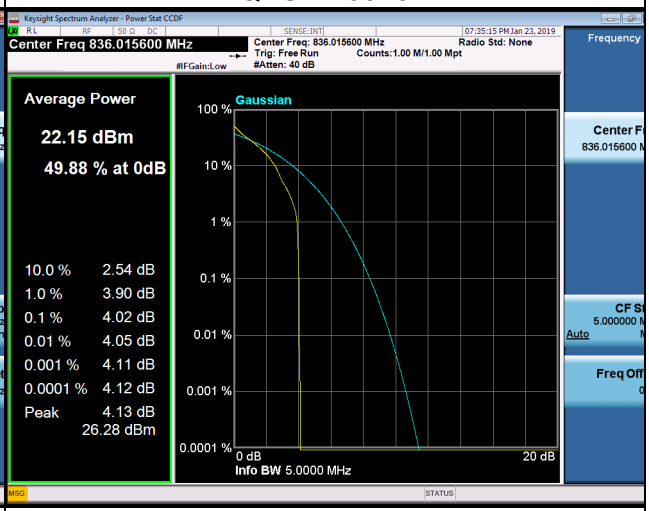
APPENDIX H - PEAK TO AVERAGE RATIO

LTE Band 5 Spectrum Plot_1.4M

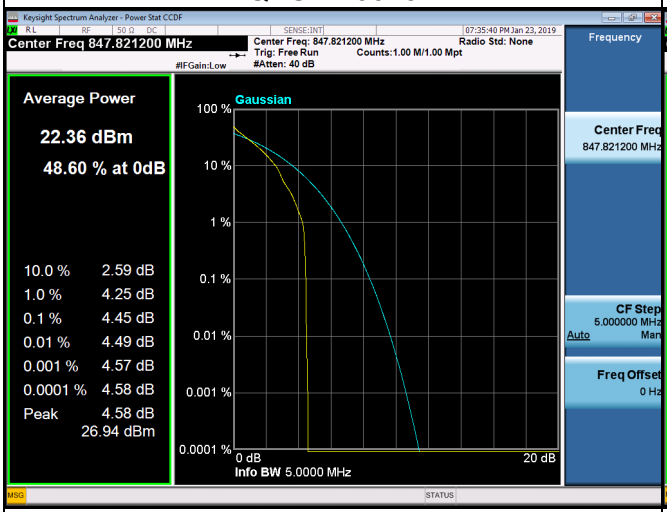
QPSK-20407



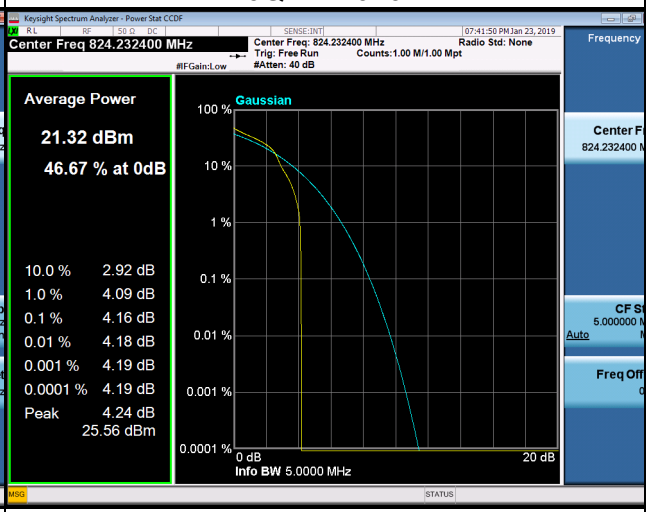
QPSK-20525



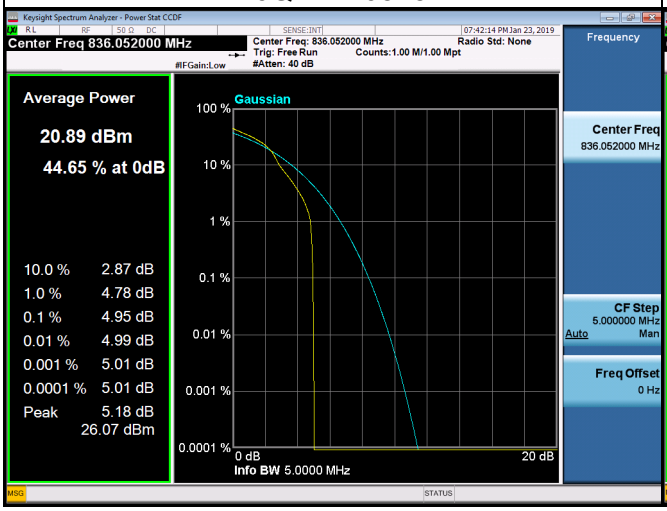
QPSK-20643



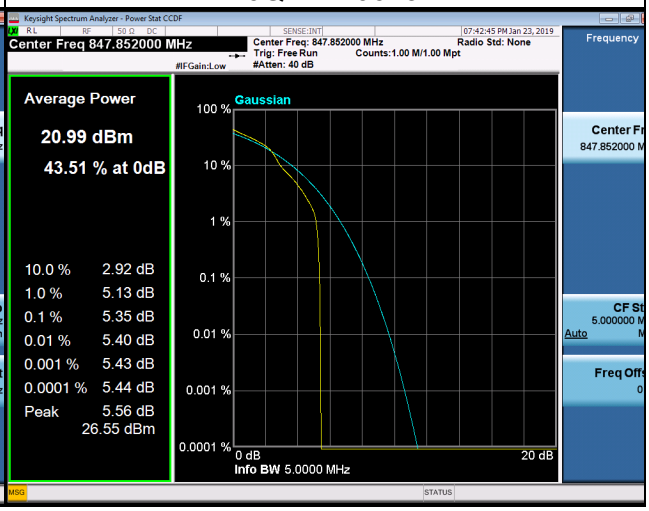
16QAM-20407



16QAM-20525

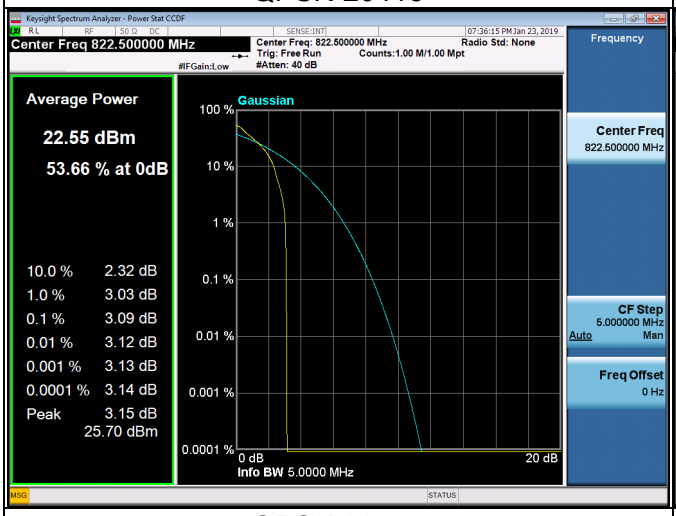


16QAM-20643



LTE Band 5 Spectrum Plot_3M

QPSK-20415



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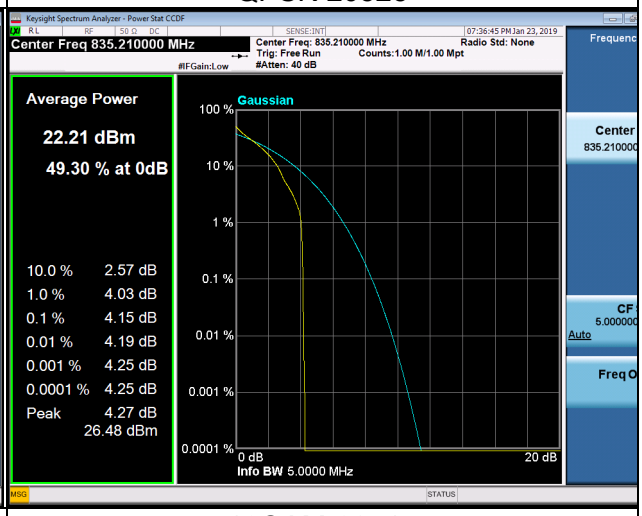
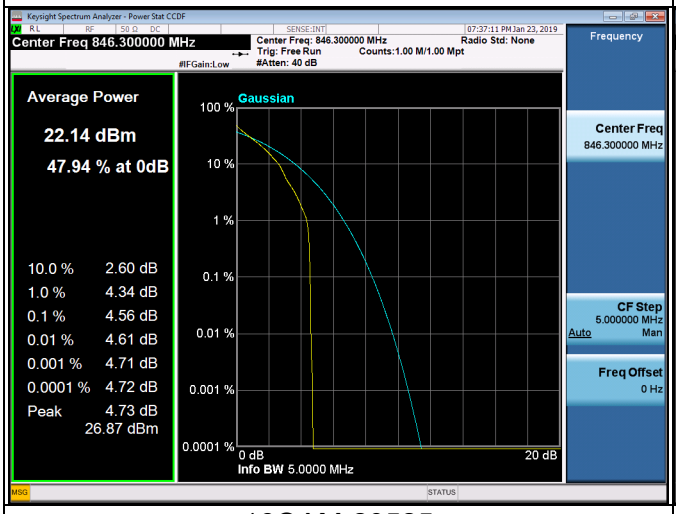


QPSK-20635



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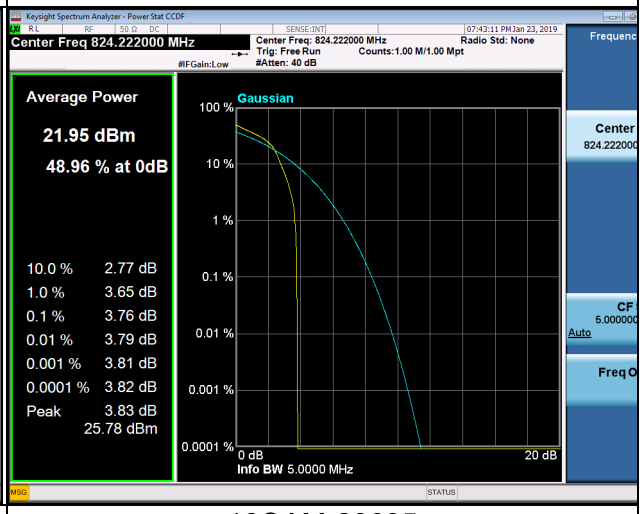

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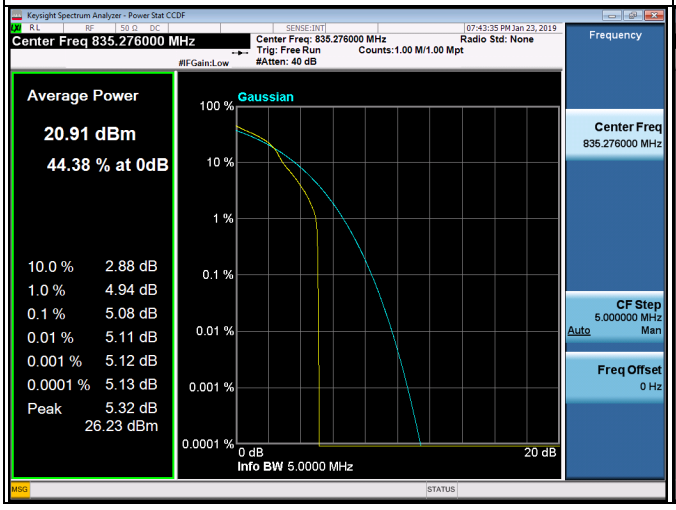
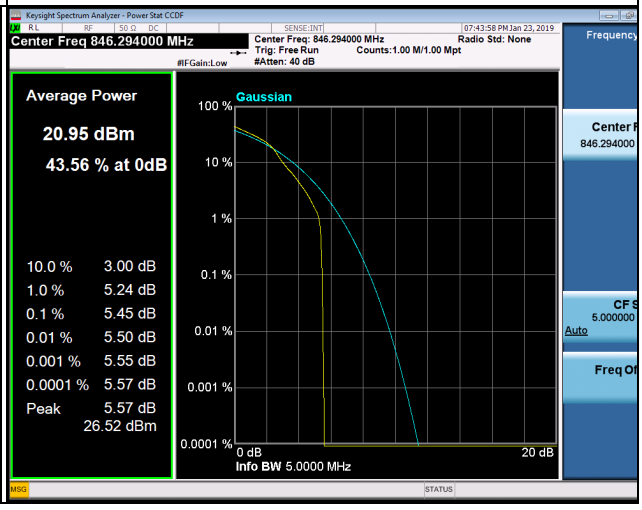
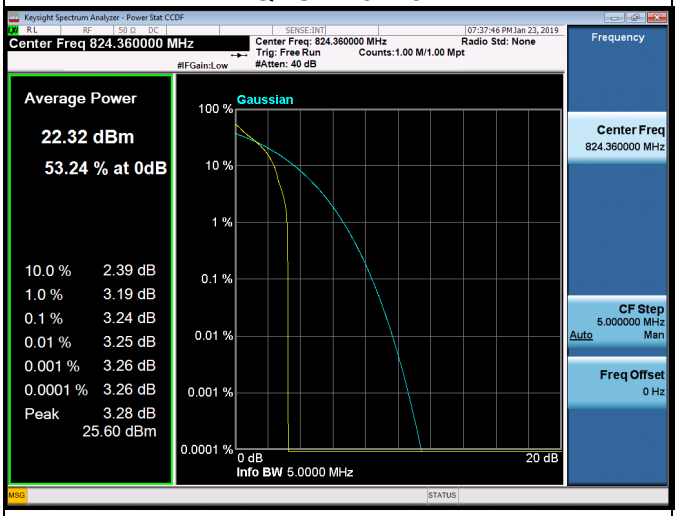


16QAM-20635

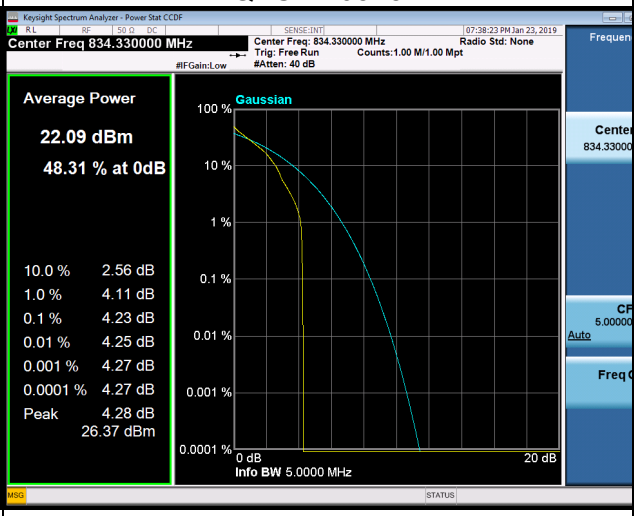


LTE Band 5 Spectrum Plot_5M

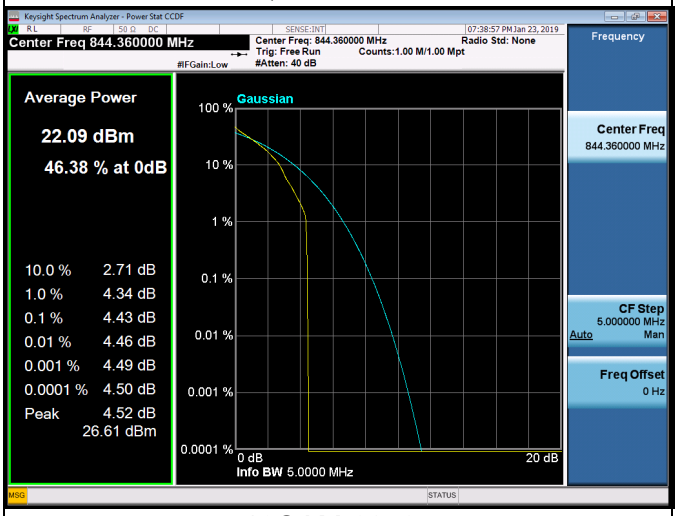
QPSK-20425



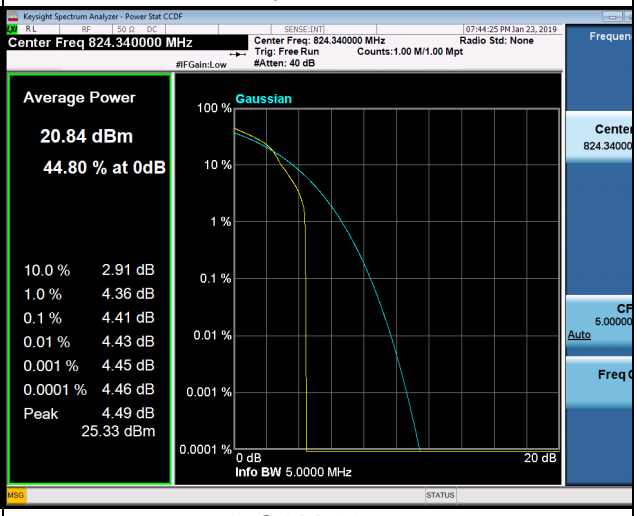
QPSK-20525



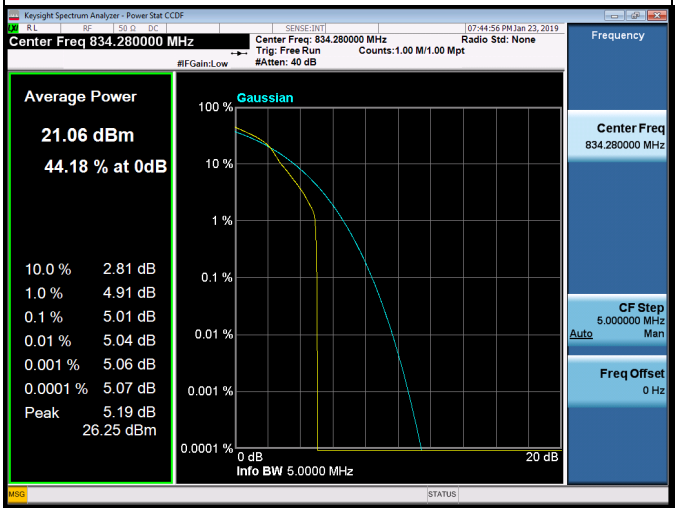
QPSK-20625



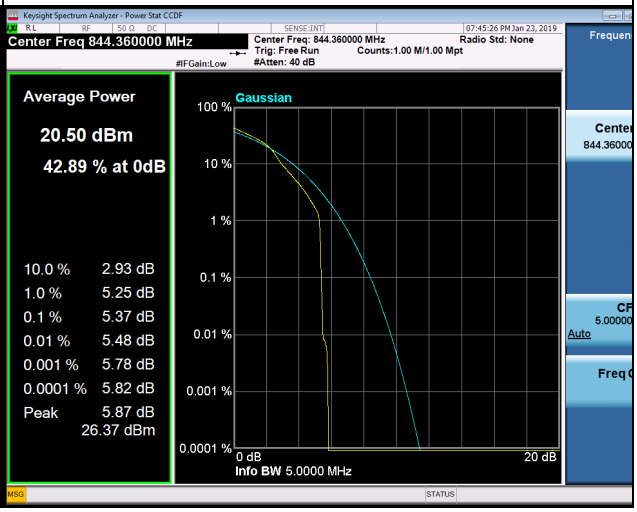
16QAM-20425



16QAM-20525

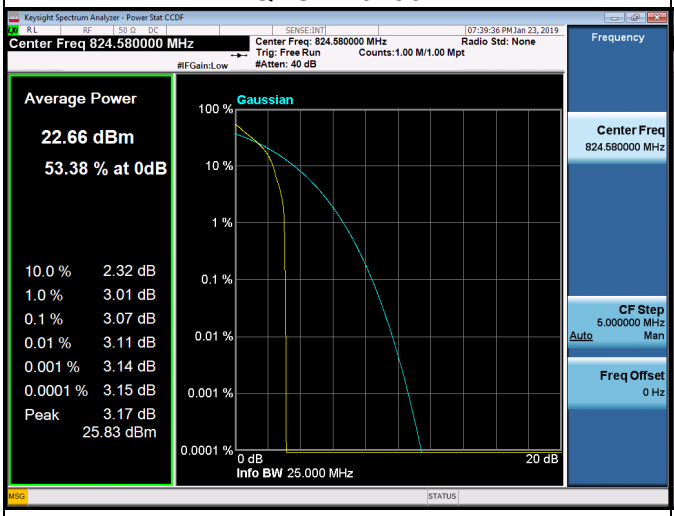


16QAM-20625

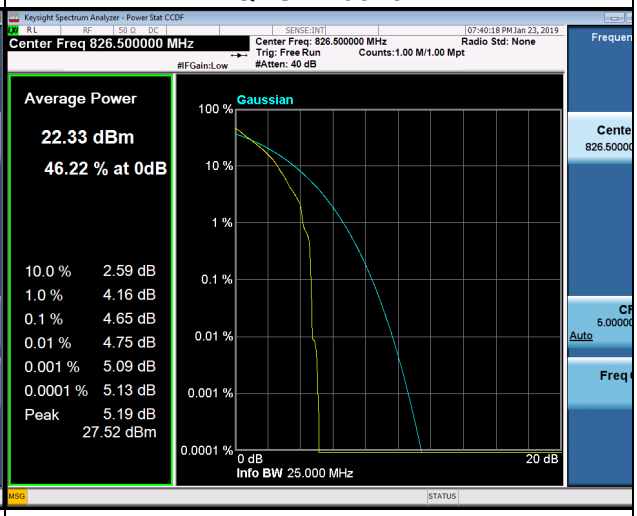


LTE Band 5 Spectrum Plot_10M

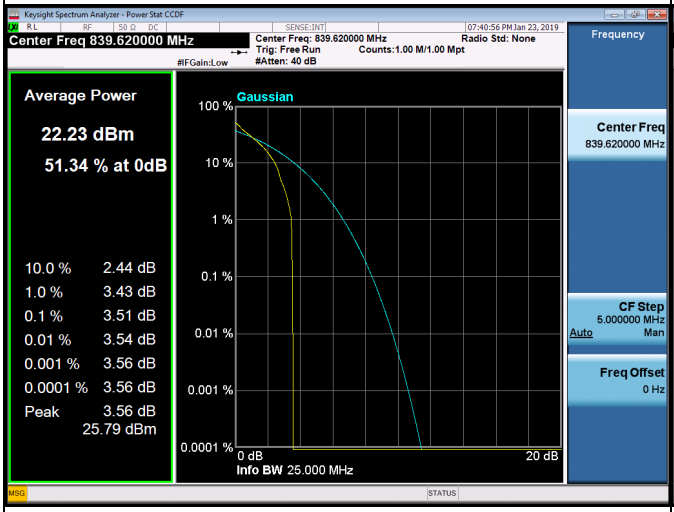
QPSK-20450



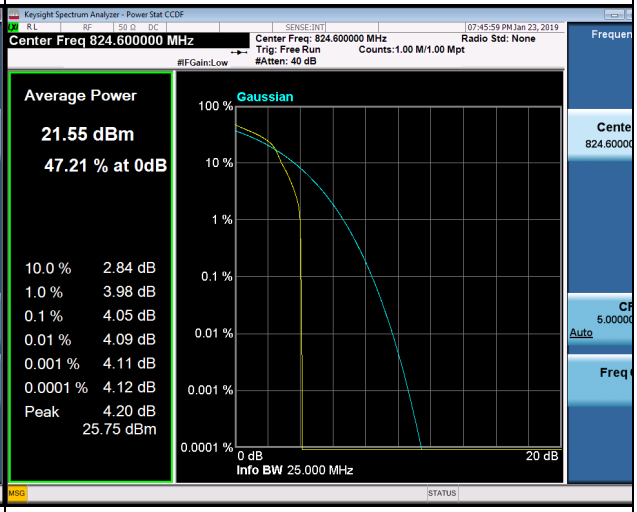
QPSK-20525



QPSK-20600



16QAM-20450



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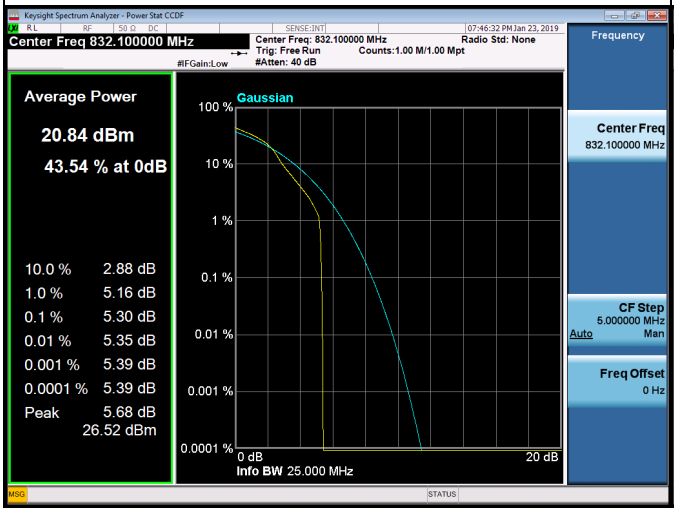
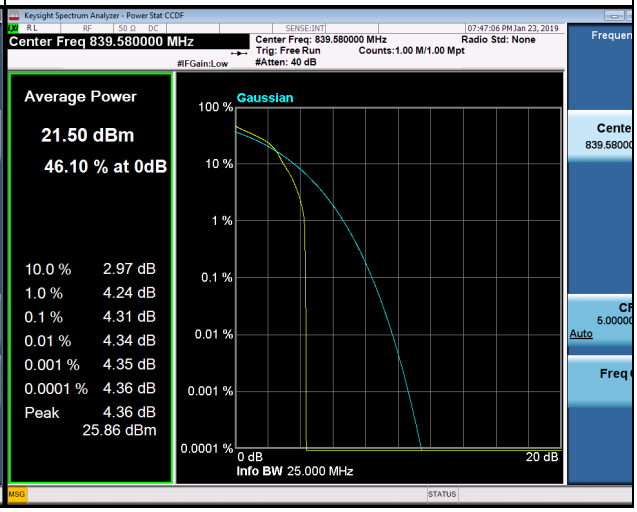


16QAM-20600



APPENDIX G - FREQUENCY STABILITY

Test Mode:	LTE Band 5_CH20525_1.4M

Temperature vs. Frequency Stabiility

Temperature(℃)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	-5.33	-0.006371787	±2.5
0	-3.46	-0.004136282	
10	-2.94	-0.003514644	
20	5.21	0.006228332	
30	-3.17	-0.0037896	
40	-2.35	-0.002809325	
50	3.68	0.004399283	
55	4.64	0.005546922	
Max. Deviation (ppm)	-5.33	-0.006371787	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
13.2	2.91	0.003478781	±2.5
12	2.98	0.003562463	
10.8	-3.41	-0.004076509	
Max. Deviation (ppm)	-3.41	-0.004076509	

Test Mode:	LTE Band 5_CH20525_3M

Temperature vs. Frequency Stabiility

Temperature(℃)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	3.46	0.004136282	±2.5
0	4.62	0.005523013	
10	5.51	0.00658697	
20	-3.13	-0.003741781	
30	4.52	0.005403467	
40	-3.67	-0.004387328	
50	2.13	0.002546324	
55	3.96	0.004734011	
Max. Deviation (ppm)	5.51	0.00658697	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
13.2	-2.94	-0.003514644	±2.5
12	2.65	0.003167962	
10.8	-3.53	-0.004219964	
Max. Deviation (ppm)	-3.53	-0.004219964	

Test Mode:	LTE Band 5_CH20525_5M

Temperature vs. Frequency Stabiility

Temperature(℃)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	3.75	0.004482965	±2.5
0	-1.36	-0.001625822	
10	4.53	0.005415421	
20	-2.75	-0.003287507	
30	4.10	0.004901375	
40	5.24	0.006264196	
50	3.60	0.004303646	
55	-2.64	-0.003156007	
Max. Deviation (ppm)	5.24	0.006264196	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
13.2	-3.54	-0.004231919	±2.5
12	-4.86	-0.005809922	
10.8	-2.55	-0.003048416	
Max. Deviation (ppm)	-4.86	-0.005809922	

Test Mode:	LTE Band 5_CH20525_10M

Temperature vs. Frequency Stabiility

Temperature(℃)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-10	6.81	0.008141064	±2.5
0	1.80	0.002151823	
10	-4.21	-0.005032875	
20	-2.37	-0.002833234	
30	-5.72	-0.006838016	
40	6.46	0.007722654	
50	2.35	0.002809325	
55	1.84	0.002199641	
Max. Deviation (ppm)	6.81	0.008141064	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
13.2	-3.46	-0.004136282	±2.5
12	-3.02	-0.003610281	
10.8	3.41	0.004076509	
Max. Deviation (ppm)	-3.46	-0.004136282	

End of Test Report