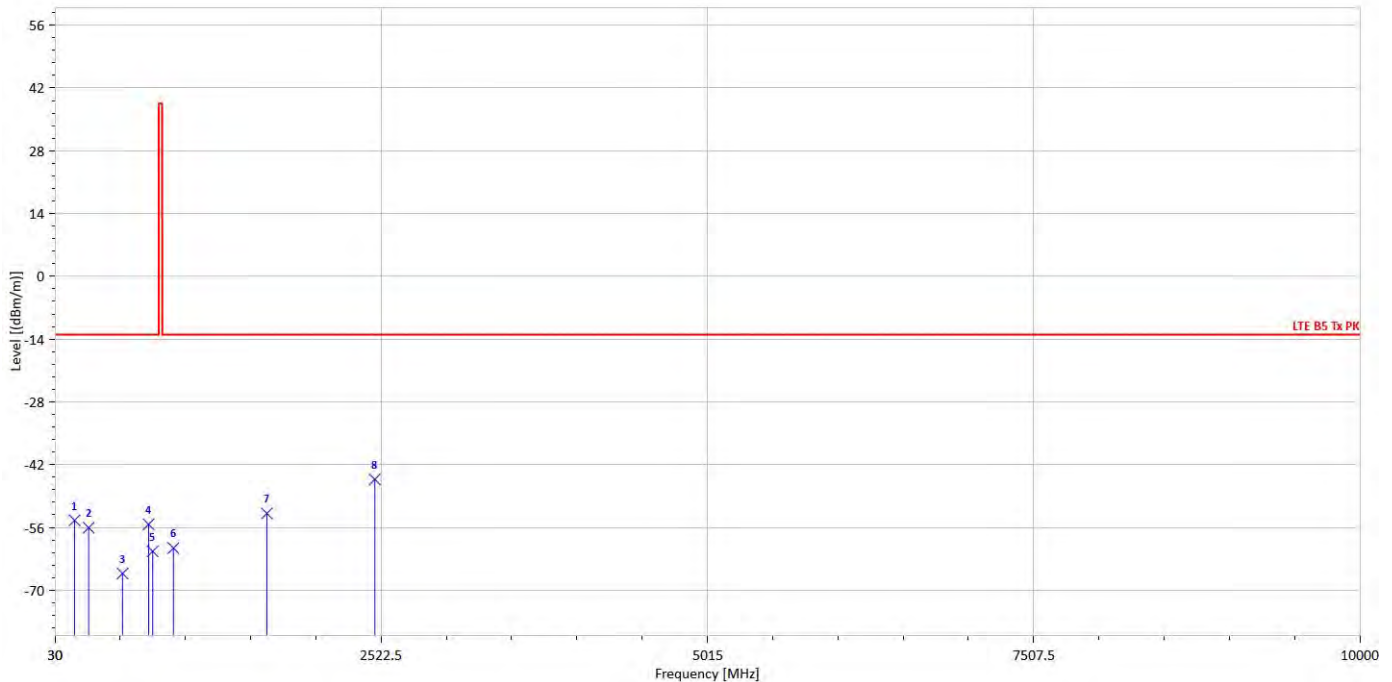


Operation Mode :	LTEB5 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	824.7 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
180.35	S	-54.42	-56.22	3.69	-1.88	-13	-41.42
288.02	S	-56.05	-57.03	3.39	-2.41	-13	-43.05
547.01	S	-66.25	-66.82	3.97	-3.40	-13	-53.25
745.86	S	-55.30	-56.53	5.15	-3.93	-13	-42.30
776.90	S	-61.31	-62.47	5.19	-4.04	-13	-48.31
935.01	S	-60.60	-61.47	5.36	-4.49	-13	-47.60
1649.40	H	-52.87	-55.14	8.73	-6.45	-13	-39.87
2474.10	H	-45.27	-48.15	10.67	-7.80	-13	-32.27

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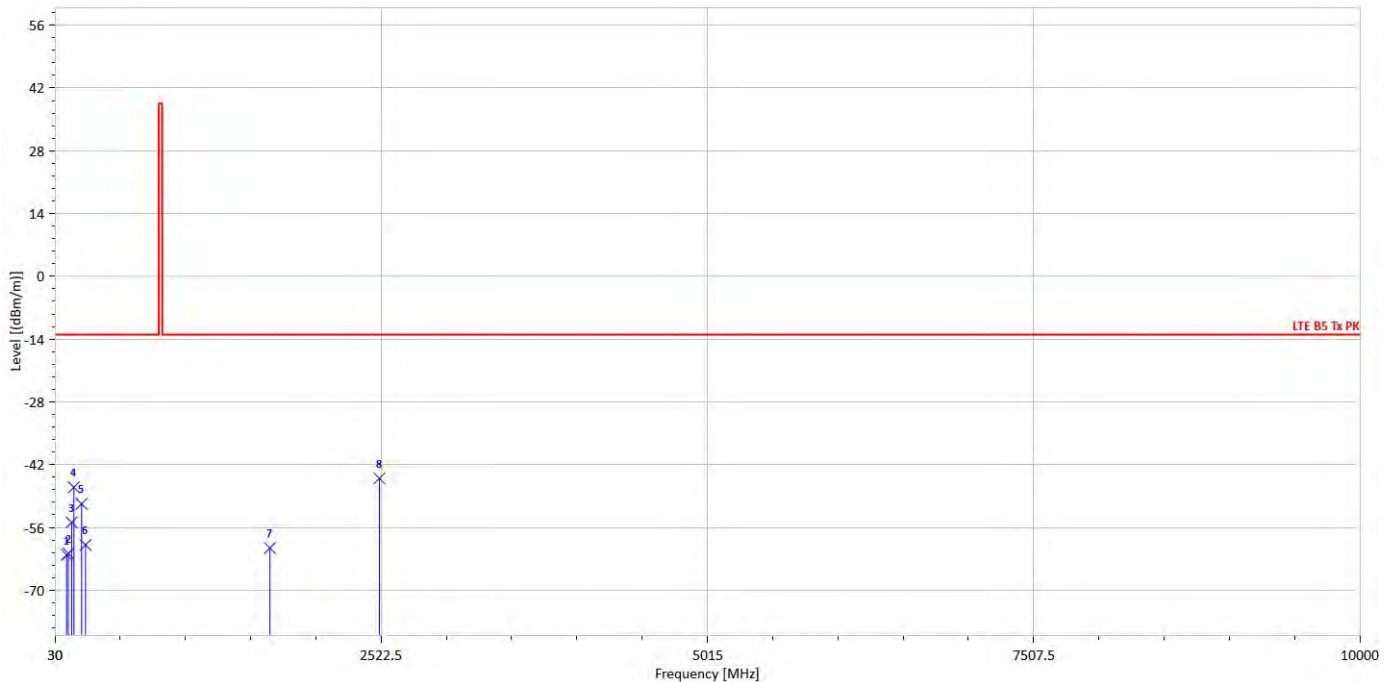
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Operation Mode : LTEB5 1.4M 16QAM 1.0 Test Date : 2018/5/2
Fundamental Frequency : 836.5 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : Tx CH Mid Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
120.21	S	-62.12	-57.37	-3.24	-1.51	-13	-49.12
133.79	S	-61.85	-58.25	-1.99	-1.61	-13	-48.85
158.04	S	-54.87	-54.25	1.13	-1.76	-13	-41.87
174.53	S	-47.03	-48.25	3.07	-1.85	-13	-34.03
233.70	S	-50.73	-52.01	3.43	-2.16	-13	-37.73
263.77	S	-59.90	-60.03	2.45	-2.32	-13	-46.90
1673.00	H	-60.59	-60.76	6.68	-6.50	-13	-47.59
2509.50	H	-45.08	-45.80	8.56	-7.84	-13	-32.08

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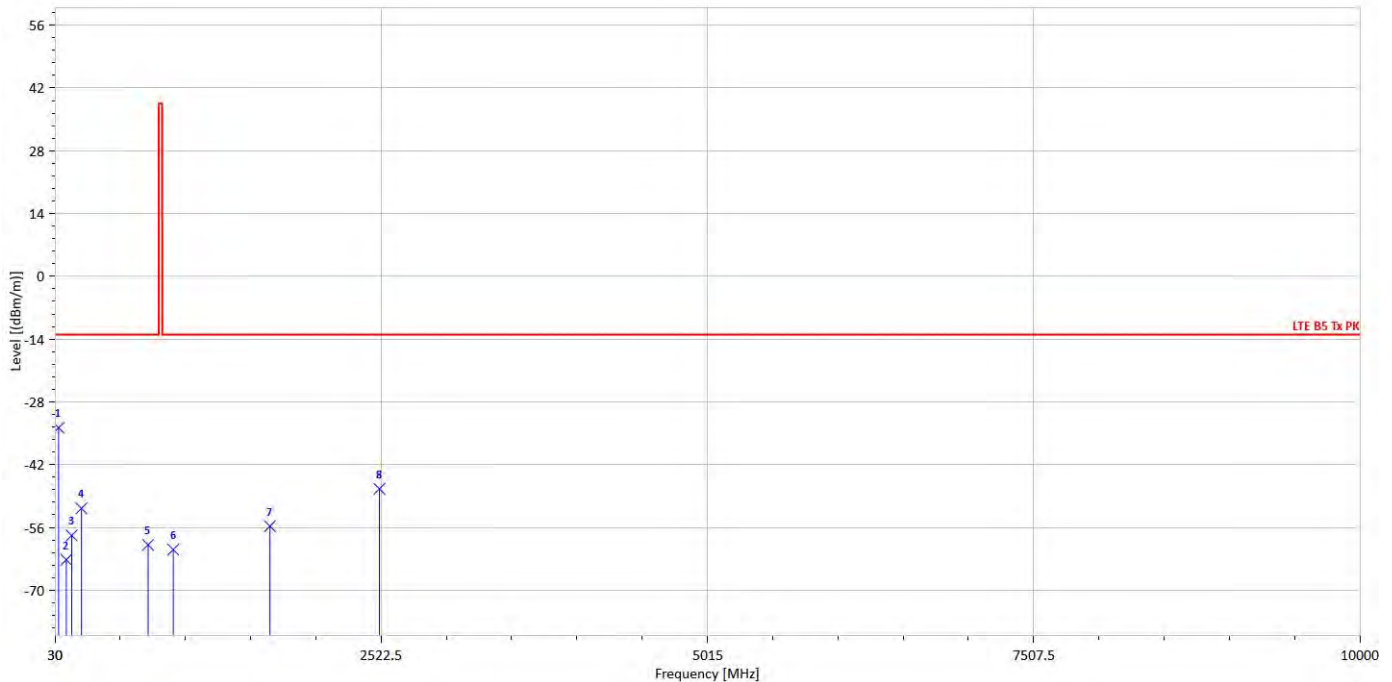
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Operation Mode :	LTEB5 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
58.13	S	-33.75	-28.79	-3.92	-1.03	-13	-20.75
117.30	S	-63.19	-58.35	-3.35	-1.49	-13	-50.19
158.04	S	-57.78	-57.15	1.13	-1.76	-13	-44.78
232.73	S	-51.74	-53.06	3.47	-2.15	-13	-38.74
741.98	S	-59.88	-61.11	5.14	-3.92	-13	-46.88
934.04	S	-60.94	-61.81	5.36	-4.48	-13	-47.94
1673.00	H	-55.71	-55.88	6.68	-6.50	-13	-42.71
2509.50	H	-47.40	-48.12	8.56	-7.84	-13	-34.40

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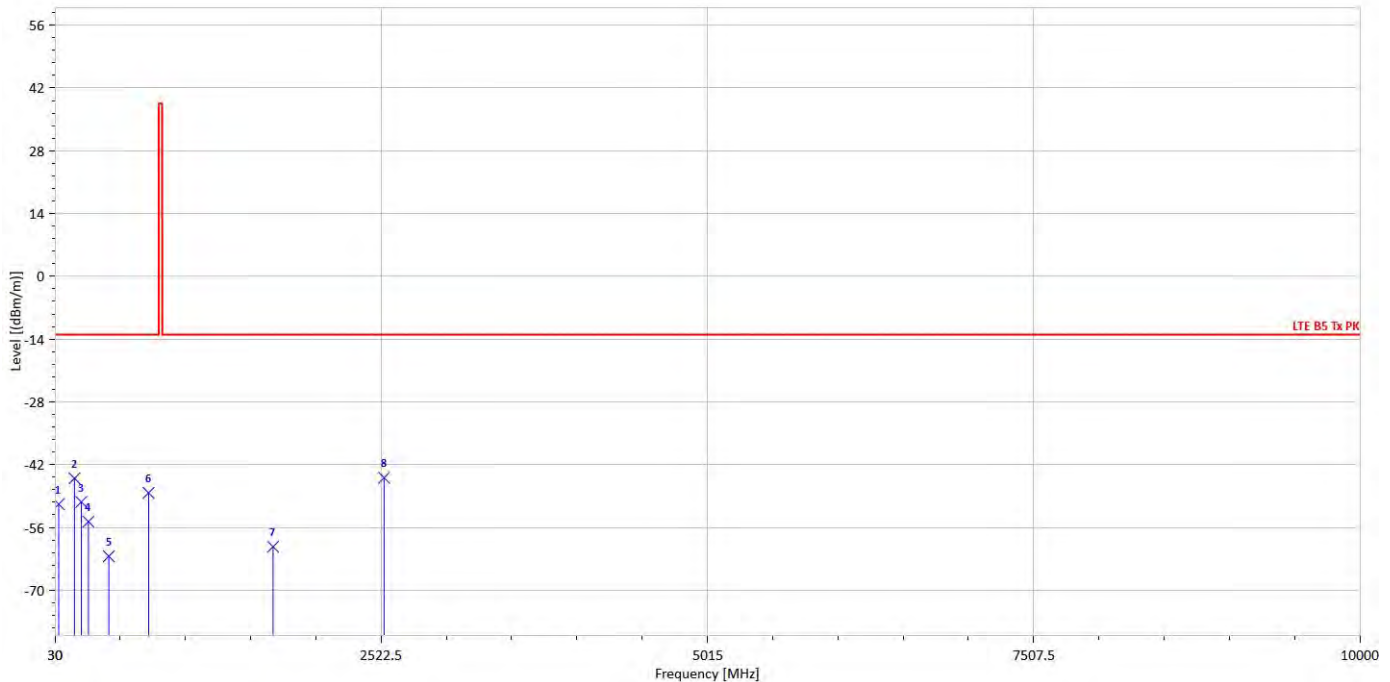
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Operation Mode :	LTEB5 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
59.10	S	-50.81	-46.23	-3.54	-1.04	-13	-37.81
179.38	S	-45.05	-46.78	3.60	-1.88	-13	-32.05
231.76	S	-50.31	-51.67	3.51	-2.15	-13	-37.31
286.08	S	-54.69	-55.65	3.37	-2.40	-13	-41.69
442.25	S	-62.42	-62.95	3.55	-3.02	-13	-49.42
745.86	S	-48.28	-49.51	5.15	-3.93	-13	-35.28
1696.60	H	-60.29	-60.51	6.78	-6.55	-13	-47.29
2544.90	H	-44.93	-45.65	8.60	-7.88	-13	-31.93

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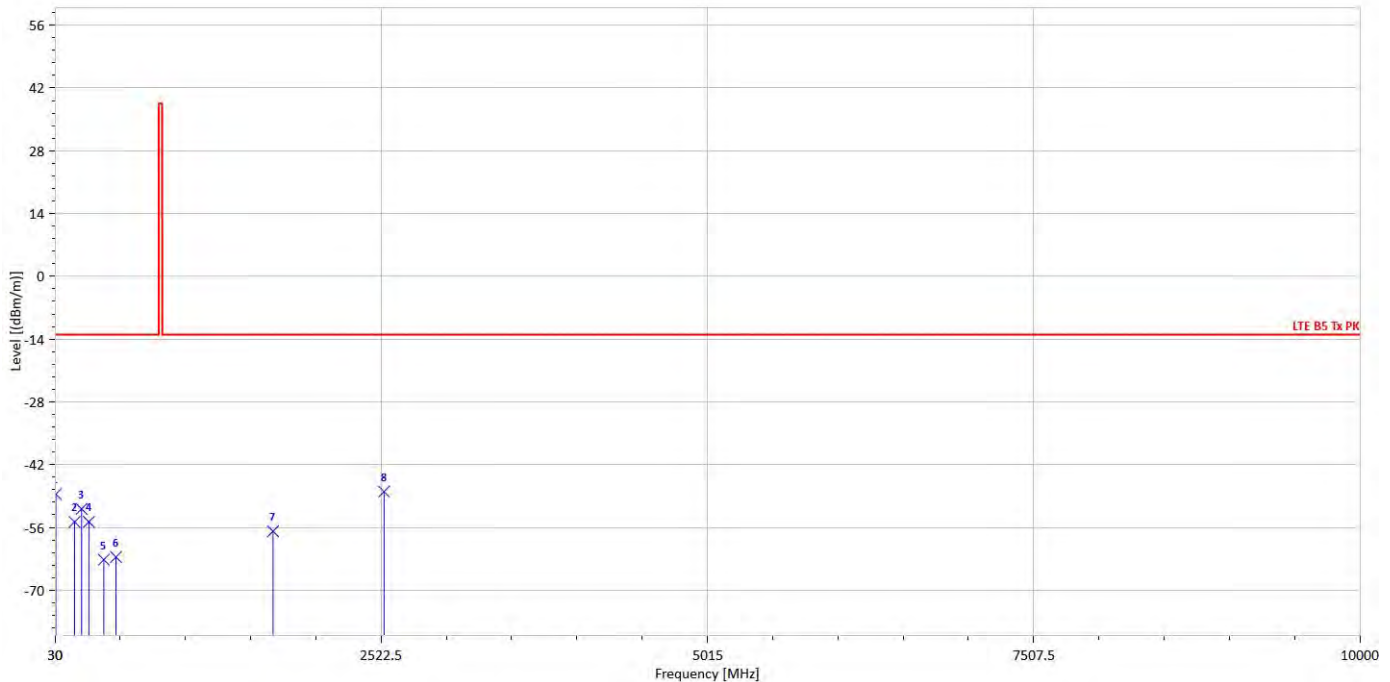
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Operation Mode :	LTEB5 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	848.3 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
36.79	S	-48.57	-31.01	-16.71	-0.85	-13	-35.57
180.35	S	-54.74	-56.54	3.69	-1.88	-13	-41.74
233.70	S	-51.86	-53.13	3.43	-2.16	-13	-38.86
289.96	S	-54.75	-55.74	3.41	-2.42	-13	-41.75
403.45	S	-63.17	-63.52	3.23	-2.89	-13	-50.17
496.57	S	-62.59	-63.38	4.01	-3.22	-13	-49.59
1696.60	H	-56.84	-57.07	6.78	-6.55	-13	-43.84
2544.90	H	-47.99	-48.72	8.60	-7.88	-13	-34.99

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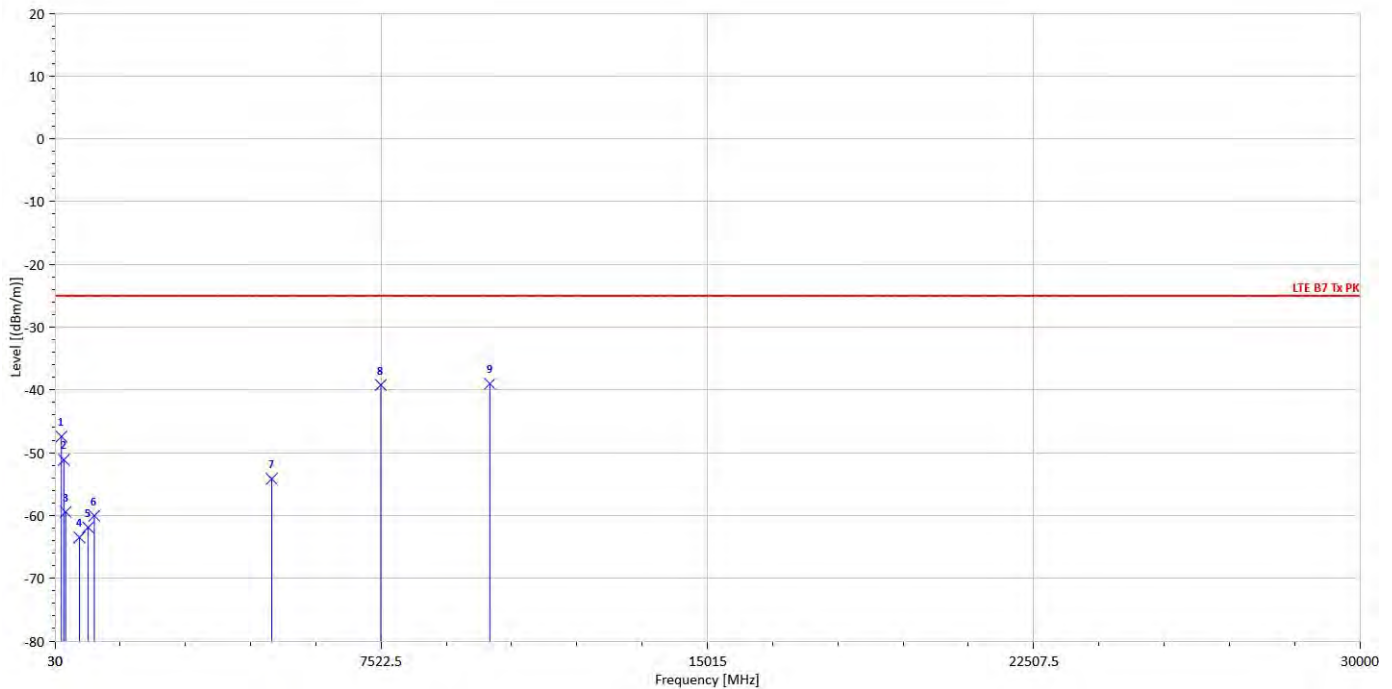
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Radiated Spurious Emission Measurement Result: LTE-Band 7 (The Worst Case)

Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2505 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm/m	Margin dB
179.38	S	-47.42	-50.89	5.35	-1.88	-25	-22.42
235.64	S	-51.12	-54.75	5.80	-2.17	-25	-26.12
277.35	S	-59.43	-62.63	5.57	-2.37	-25	-34.43
591.63	S	-63.49	-66.85	6.90	-3.54	-25	-38.49
793.39	S	-61.89	-65.56	7.76	-4.10	-25	-36.89
935.01	S	-60.02	-63.48	7.94	-4.49	-25	-35.02
5010.00	H	-54.14	-56.72	12.51	-9.93	-25	-29.14
7515.00	H	-39.20	-38.93	11.30	-11.57	-25	-14.20
10020.00	H	-39.01	-37.70	11.37	-12.68	-25	-14.01

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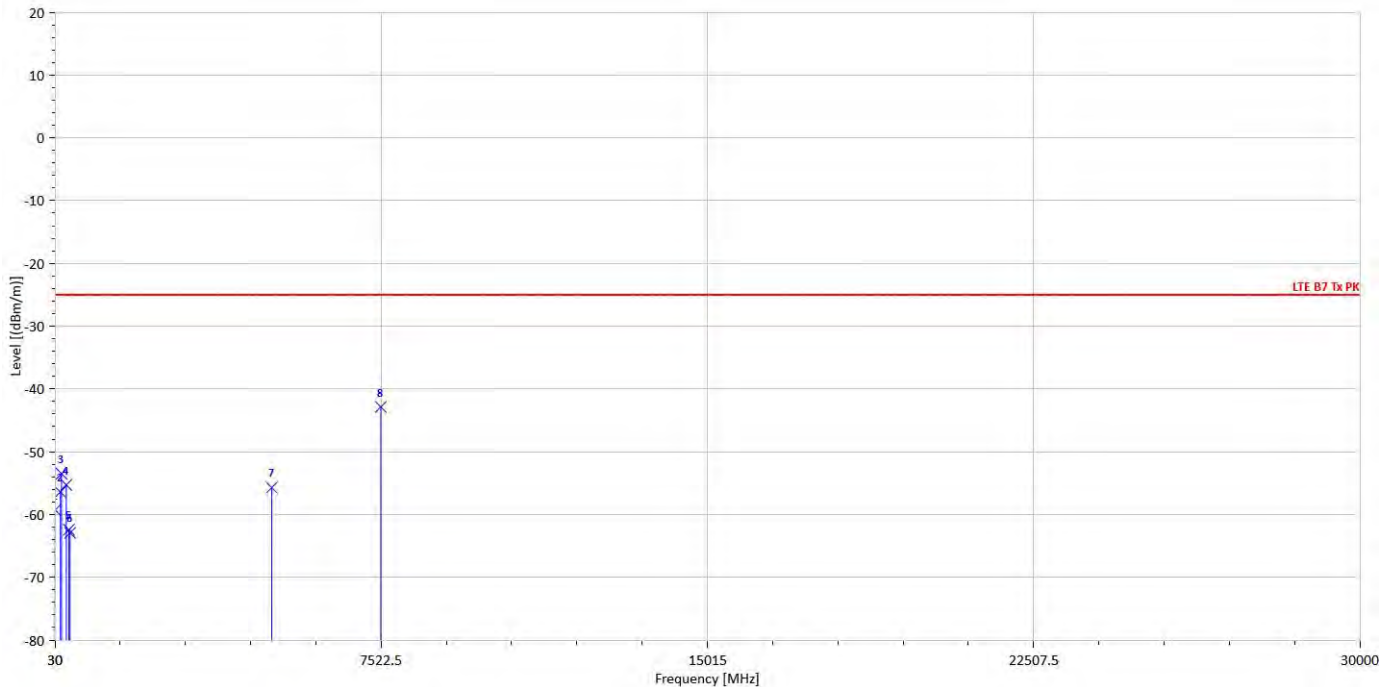
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Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2505 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
35.82	S	-59.29	-42.85	-15.59	-0.84	-25	-34.29
155.13	S	-56.41	-57.35	2.68	-1.74	-25	-31.41
182.29	S	-53.50	-57.13	5.52	-1.89	-25	-28.50
290.93	S	-55.28	-58.62	5.77	-2.42	-25	-30.28
351.07	S	-62.42	-65.72	5.99	-2.68	-25	-37.42
378.23	S	-62.92	-65.99	5.86	-2.78	-25	-37.92
5010.00	H	-55.72	-58.30	12.51	-9.93	-25	-30.72
7515.00	H	-42.86	-42.59	11.30	-11.57	-25	-17.86

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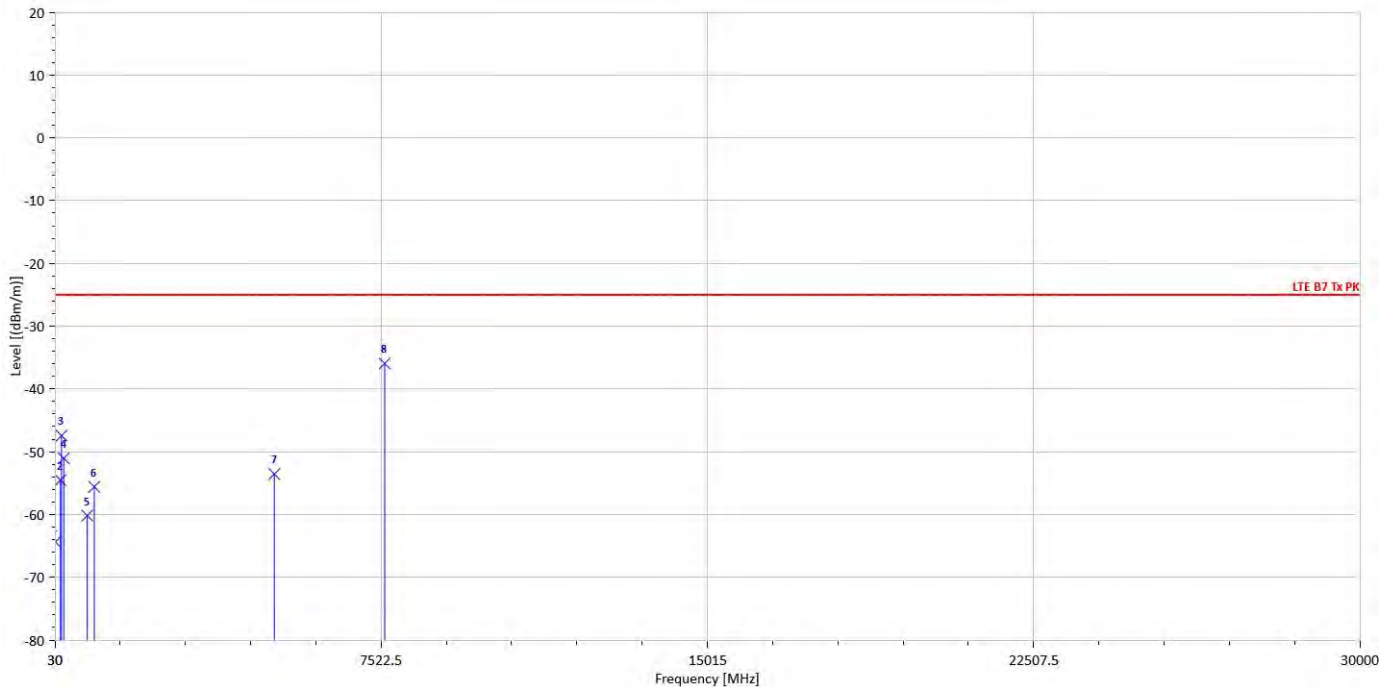
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Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2535 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-64.37	-52.05	-11.45	-0.87	-25	-39.37
157.07	S	-54.51	-55.64	2.88	-1.75	-25	-29.51
180.35	S	-47.44	-50.99	5.43	-1.88	-25	-22.44
233.70	S	-51.03	-54.76	5.89	-2.16	-25	-26.03
773.02	S	-60.17	-63.89	7.74	-4.02	-25	-35.17
935.01	S	-55.59	-59.05	7.94	-4.49	-25	-30.59
5070.00	H	-53.56	-56.15	12.57	-9.98	-25	-28.56
7605.00	H	-35.95	-35.64	11.30	-11.61	-25	-10.95

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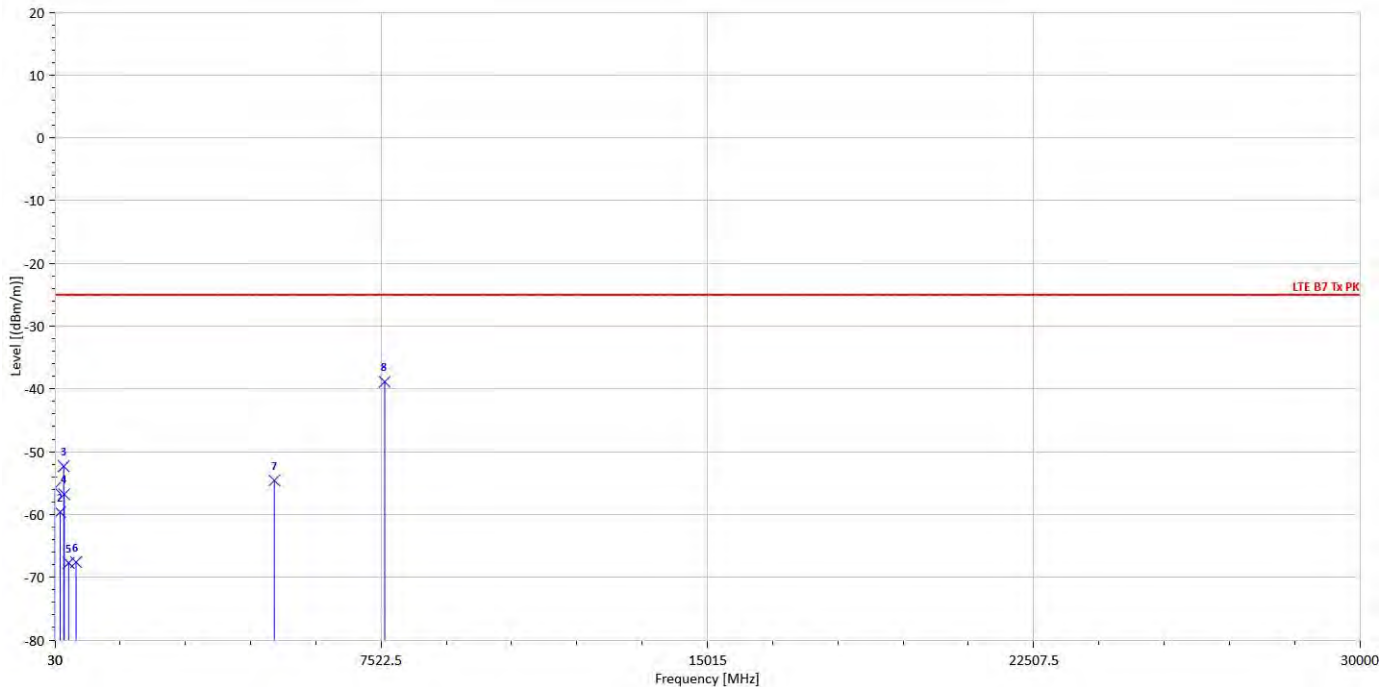
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Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2535 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-55.77	-36.16	-18.78	-0.83	-25	-30.77
151.25	S	-59.59	-60.14	2.26	-1.72	-25	-34.59
232.73	S	-52.31	-56.08	5.93	-2.15	-25	-27.31
244.37	S	-56.78	-59.98	5.42	-2.22	-25	-31.78
346.22	S	-67.71	-71.03	5.98	-2.66	-25	-42.71
515.00	S	-67.59	-70.80	6.50	-3.29	-25	-42.59
5070.00	H	-54.57	-57.16	12.57	-9.98	-25	-29.57
7605.00	H	-38.86	-38.55	11.30	-11.61	-25	-13.86

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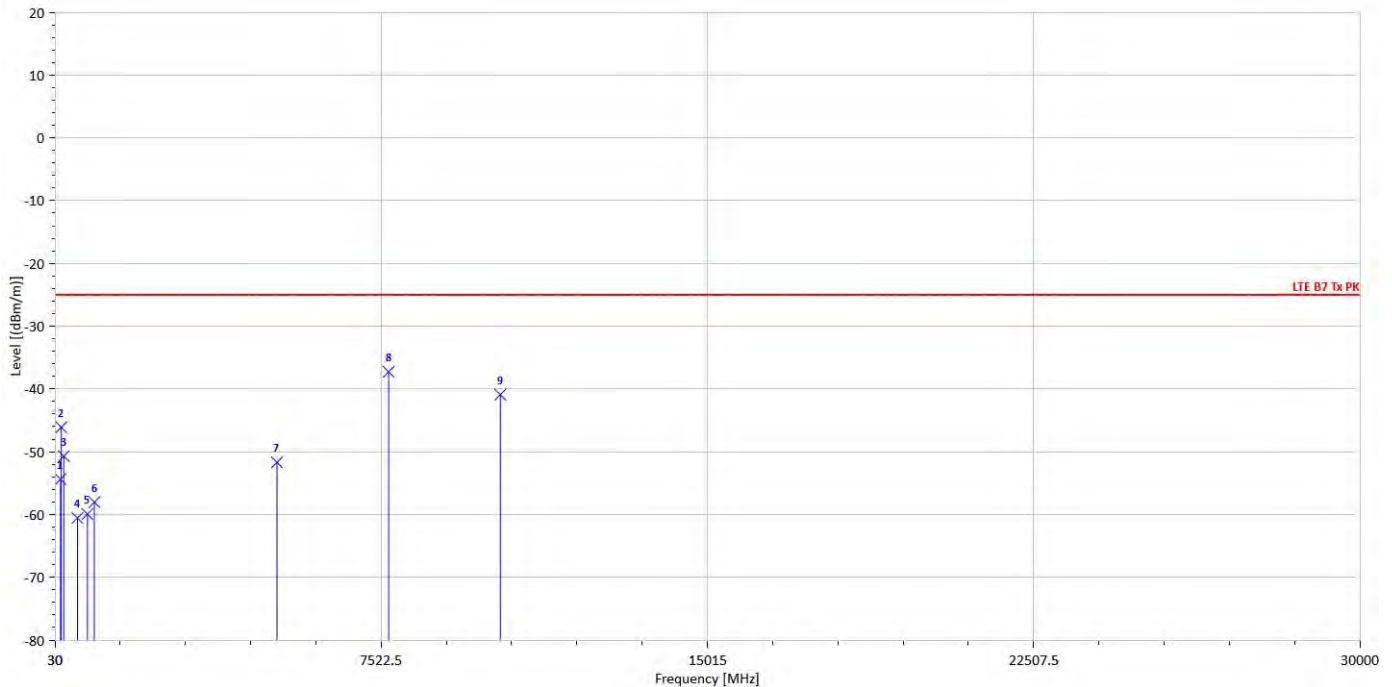
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2565 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
158.04	S	-54.37	-55.59	2.98	-1.76	-25	-29.37
176.47	S	-46.12	-49.28	5.03	-1.86	-25	-21.12
233.70	S	-50.70	-54.43	5.89	-2.16	-25	-25.70
547.01	S	-60.55	-63.66	6.52	-3.40	-25	-35.55
776.90	S	-59.93	-63.64	7.74	-4.04	-25	-34.93
935.98	S	-58.03	-61.49	7.94	-4.49	-25	-33.03
5130.00	H	-51.70	-54.31	12.63	-10.02	-25	-26.70
7695.00	H	-37.26	-36.92	11.30	-11.64	-25	-12.26
10260.00	H	-40.90	-39.32	11.23	-12.81	-25	-15.90

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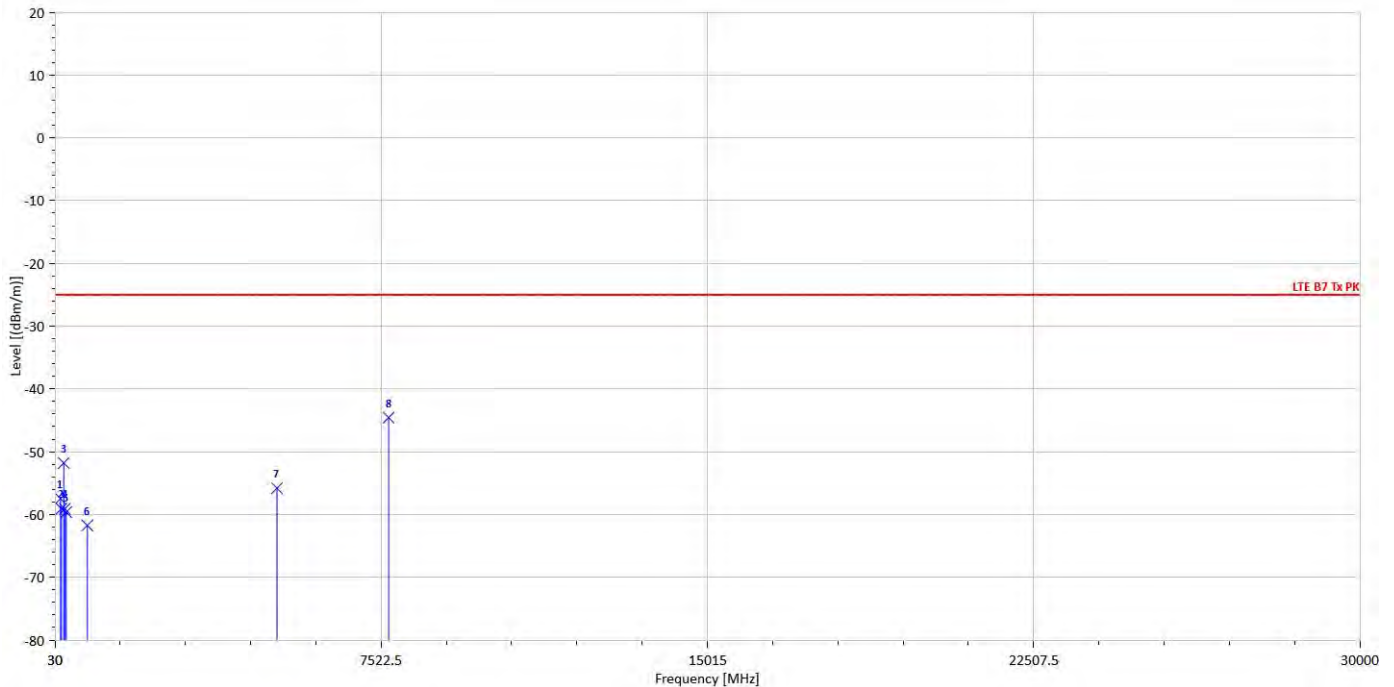
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode :	LTEB7 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	2565 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
158.04	S	-57.48	-58.70	2.98	-1.76	-25	-32.48
180.35	S	-59.07	-62.62	5.43	-1.88	-25	-34.07
233.70	S	-51.80	-55.52	5.89	-2.16	-25	-26.80
258.92	S	-59.08	-61.37	4.58	-2.29	-25	-34.08
289.96	S	-59.62	-62.96	5.76	-2.42	-25	-34.62
773.99	S	-61.73	-65.45	7.74	-4.03	-25	-36.73
5130.00	H	-55.80	-58.41	12.63	-10.02	-25	-30.80
7695.00	H	-44.55	-44.21	11.30	-11.64	-25	-19.55

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t (886-2) 2299-3279

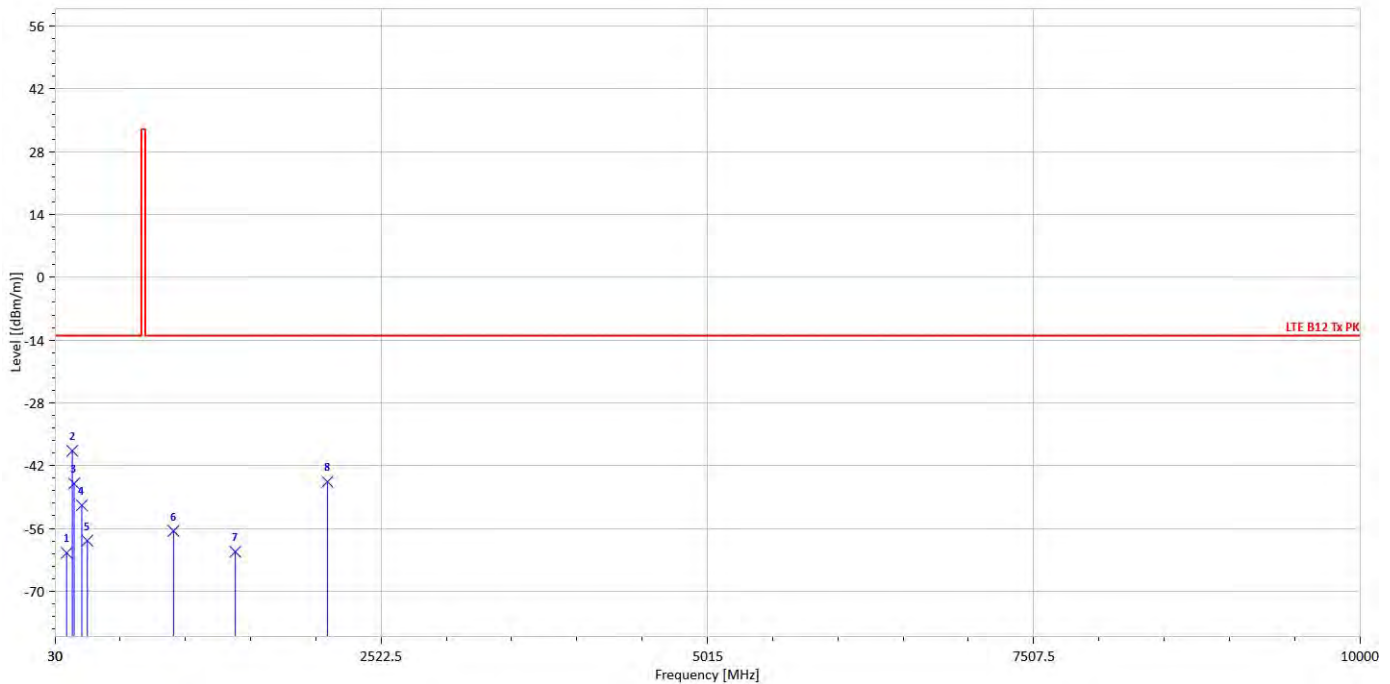
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Radiated Spurious Emission Measurement Result: LTE-Band 12 (The Worst Case)

Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	704 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level	Gain	Loss	@3m	dB
120.21	S	-61.45	-56.69	-3.24	-1.51	-13	-48.45
162.89	S	-38.69	-38.60	1.70	-1.79	-13	-25.69
176.47	S	-46.00	-47.42	3.28	-1.86	-13	-33.00
235.64	S	-50.82	-52.00	3.35	-2.17	-13	-37.82
277.35	S	-58.73	-59.60	3.24	-2.37	-13	-45.73
935.98	S	-56.55	-57.42	5.36	-4.49	-13	-43.55
1408.00	H	-61.18	-60.74	5.45	-5.89	-13	-48.18
2112.00	H	-45.58	-46.45	8.15	-7.29	-13	-32.58

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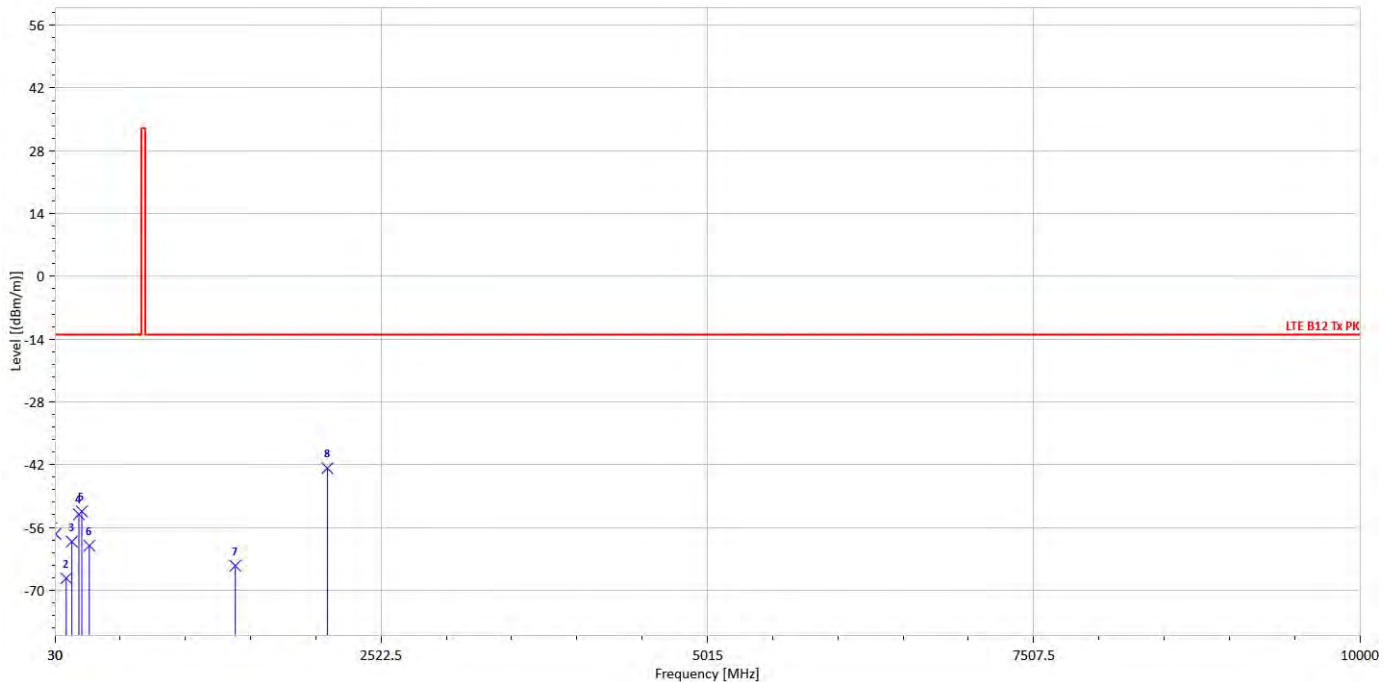
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	704 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
33.88	S	-57.45	-37.48	-19.13	-0.84	-13	-44.45
116.33	S	-67.32	-62.44	-3.39	-1.49	-13	-54.32
159.01	S	-59.15	-58.62	1.24	-1.76	-13	-46.15
213.33	S	-53.07	-55.02	4.00	-2.06	-13	-40.07
235.64	S	-52.40	-53.58	3.35	-2.17	-13	-39.40
292.87	S	-60.06	-61.06	3.44	-2.43	-13	-47.06
1408.00	H	-64.54	-64.13	5.51	-5.92	-13	-51.54
2112.00	H	-42.79	-43.65	8.15	-7.29	-13	-29.79

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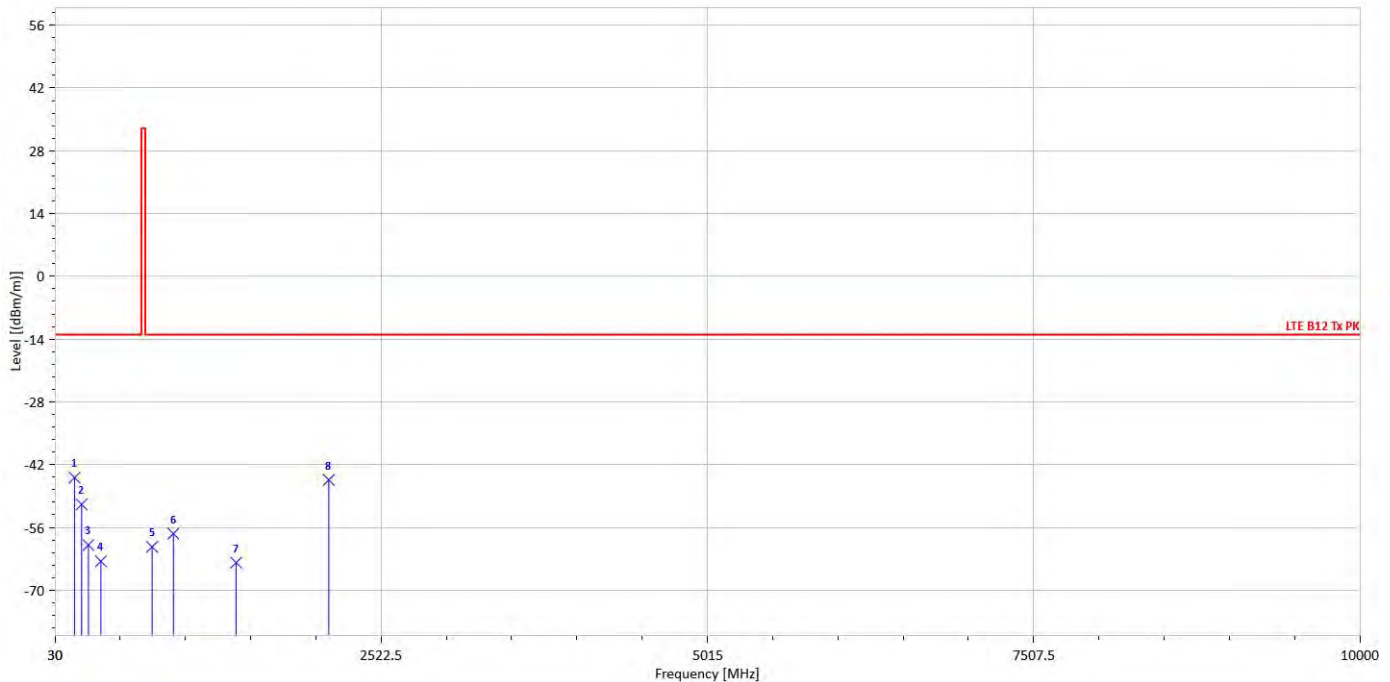
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Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
180.35	S	-44.89	-46.69	3.69	-1.88	-13	-31.89
233.70	S	-50.85	-52.13	3.43	-2.16	-13	-37.85
286.08	S	-59.91	-60.88	3.37	-2.40	-13	-46.91
381.14	S	-63.56	-64.05	3.29	-2.79	-13	-50.56
773.02	S	-60.32	-61.49	5.19	-4.02	-13	-47.32
935.01	S	-57.39	-58.26	5.36	-4.49	-13	-44.39
1415.00	H	-63.85	-63.46	5.54	-5.93	-13	-50.85
2122.50	H	-45.40	-46.26	8.16	-7.30	-13	-32.40

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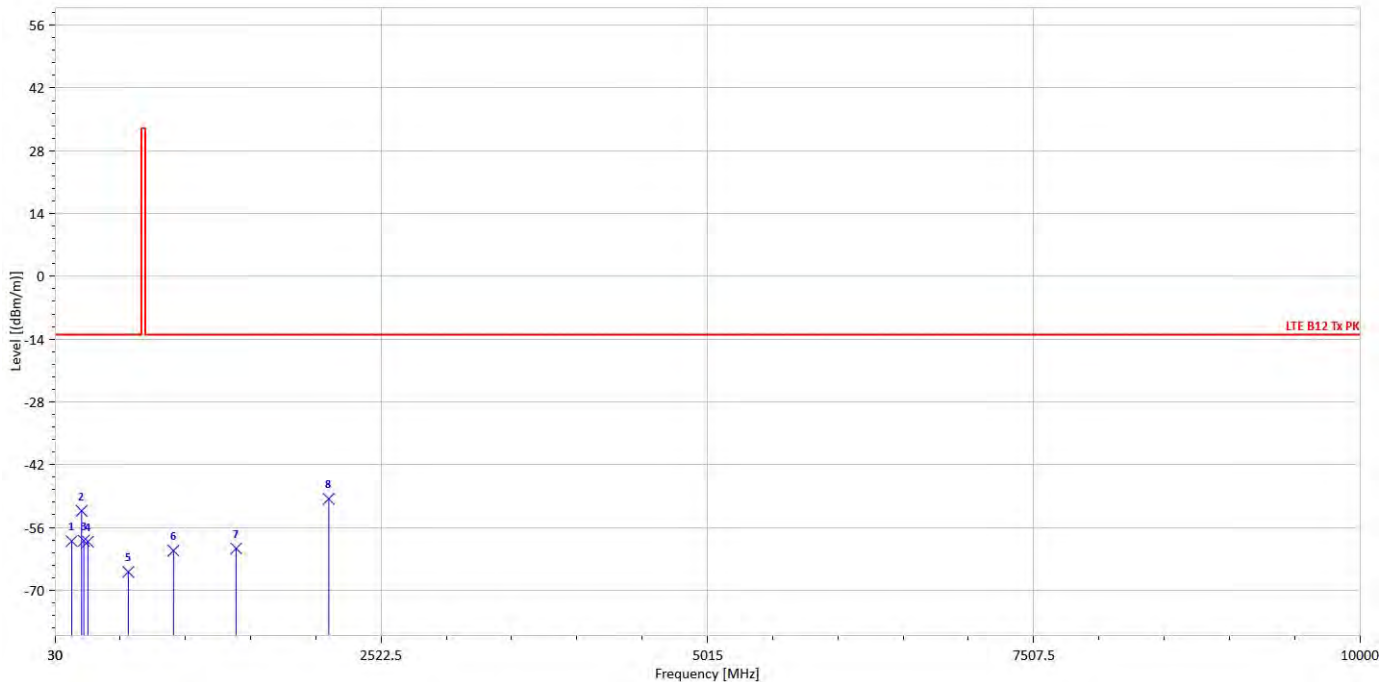
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Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	707.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
158.04	S	-59.05	-58.42	1.13	-1.76	-13	-46.05
233.70	S	-52.29	-53.56	3.43	-2.16	-13	-39.29
251.16	S	-58.94	-59.42	2.73	-2.26	-13	-45.94
282.20	S	-59.16	-60.10	3.32	-2.39	-13	-46.16
590.66	S	-65.90	-66.62	4.25	-3.53	-13	-52.90
935.98	S	-61.17	-62.05	5.36	-4.49	-13	-48.17
1415.00	H	-60.69	-60.27	5.49	-5.91	-13	-47.69
2122.50	H	-49.62	-50.47	8.16	-7.30	-13	-36.62

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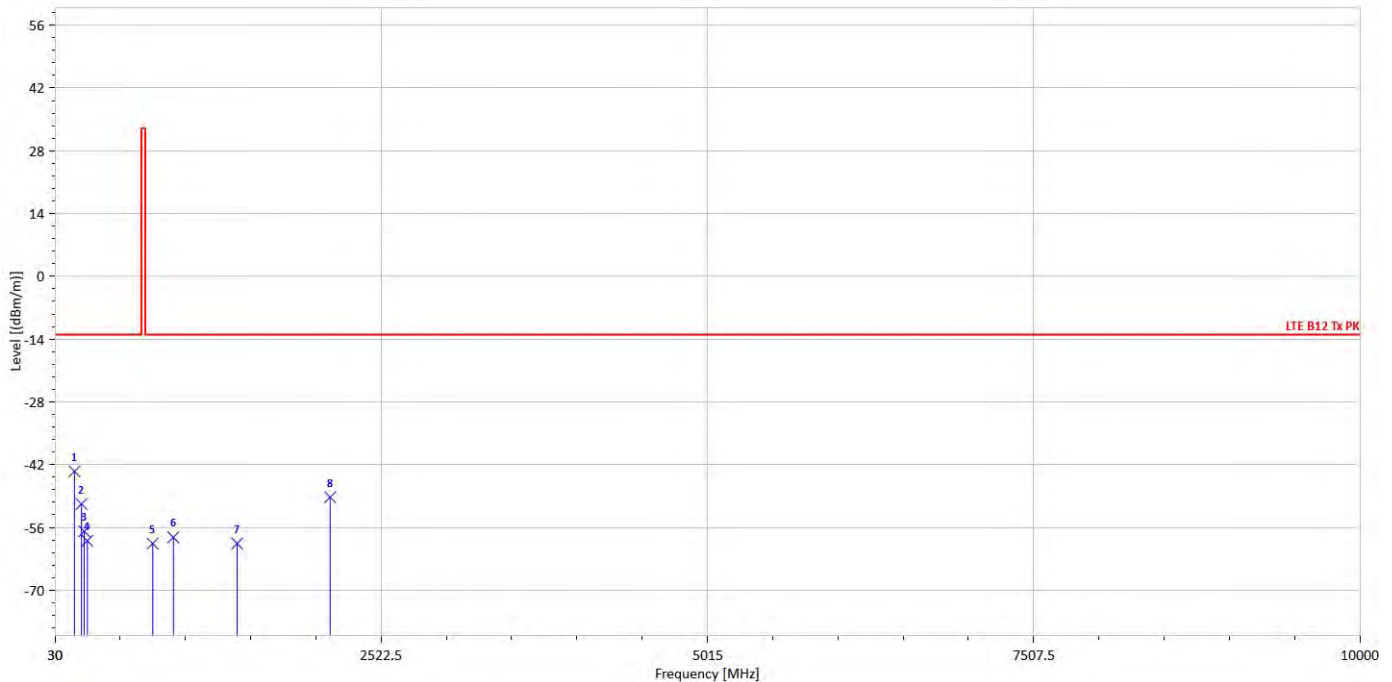
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Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	711 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
179.38	S	-43.49	-45.22	3.60	-1.88	-13	-30.49
232.73	S	-50.77	-52.09	3.47	-2.15	-13	-37.77
254.07	S	-56.85	-57.09	2.51	-2.27	-13	-43.85
277.35	S	-58.98	-59.85	3.24	-2.37	-13	-45.98
776.90	S	-59.59	-60.74	5.19	-4.04	-13	-46.59
935.01	S	-58.20	-59.08	5.36	-4.49	-13	-45.20
1422.00	H	-59.60	-59.21	5.54	-5.93	-13	-46.60
2133.00	H	-49.28	-50.13	8.17	-7.31	-13	-36.28

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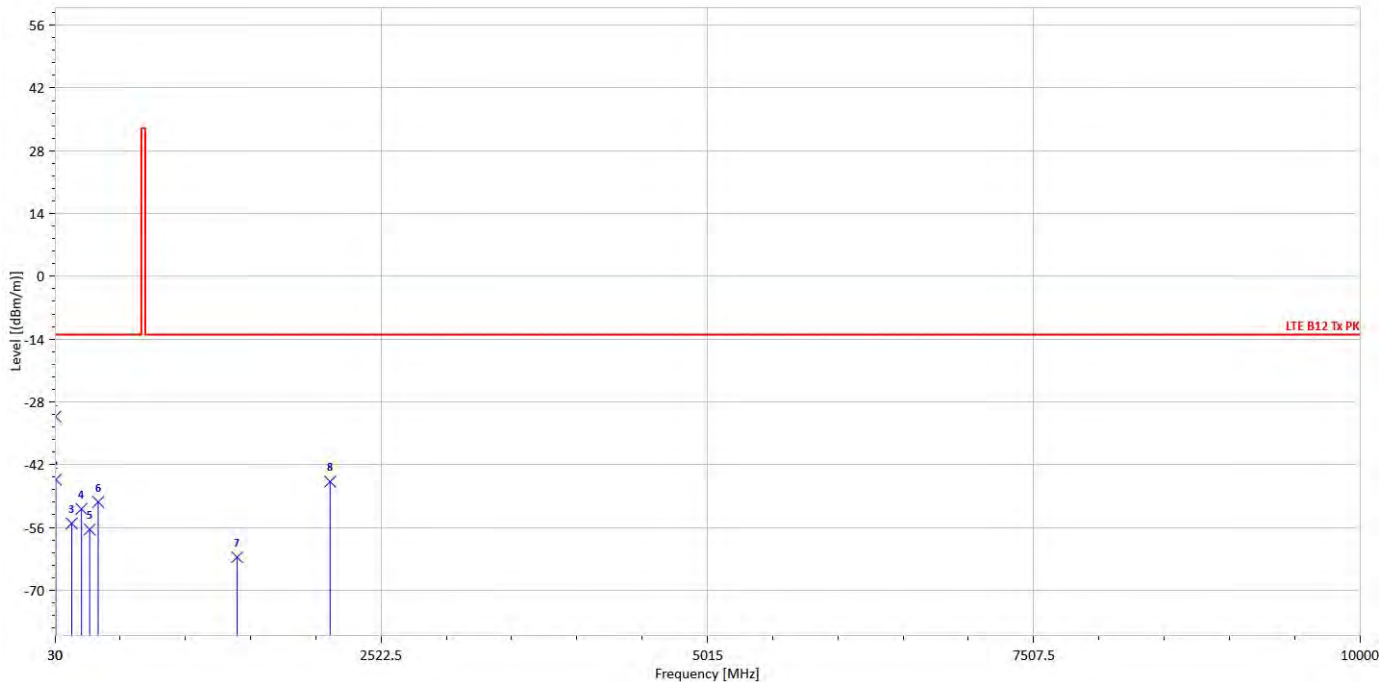
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Operation Mode :	LTEB12 10M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	711 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
33.88	S	-31.29	-11.32	-19.13	-0.84	-13	-18.29
36.79	S	-45.31	-27.76	-16.71	-0.85	-13	-32.31
158.04	S	-55.09	-54.46	1.13	-1.76	-13	-42.09
232.73	S	-51.87	-53.19	3.47	-2.15	-13	-38.87
295.78	S	-56.45	-57.47	3.46	-2.44	-13	-43.45
360.77	S	-50.31	-50.99	3.39	-2.71	-13	-37.31
1422.00	H	-62.63	-62.44	5.93	-6.12	-13	-49.63
2133.00	H	-45.78	-46.63	8.17	-7.31	-13	-32.78

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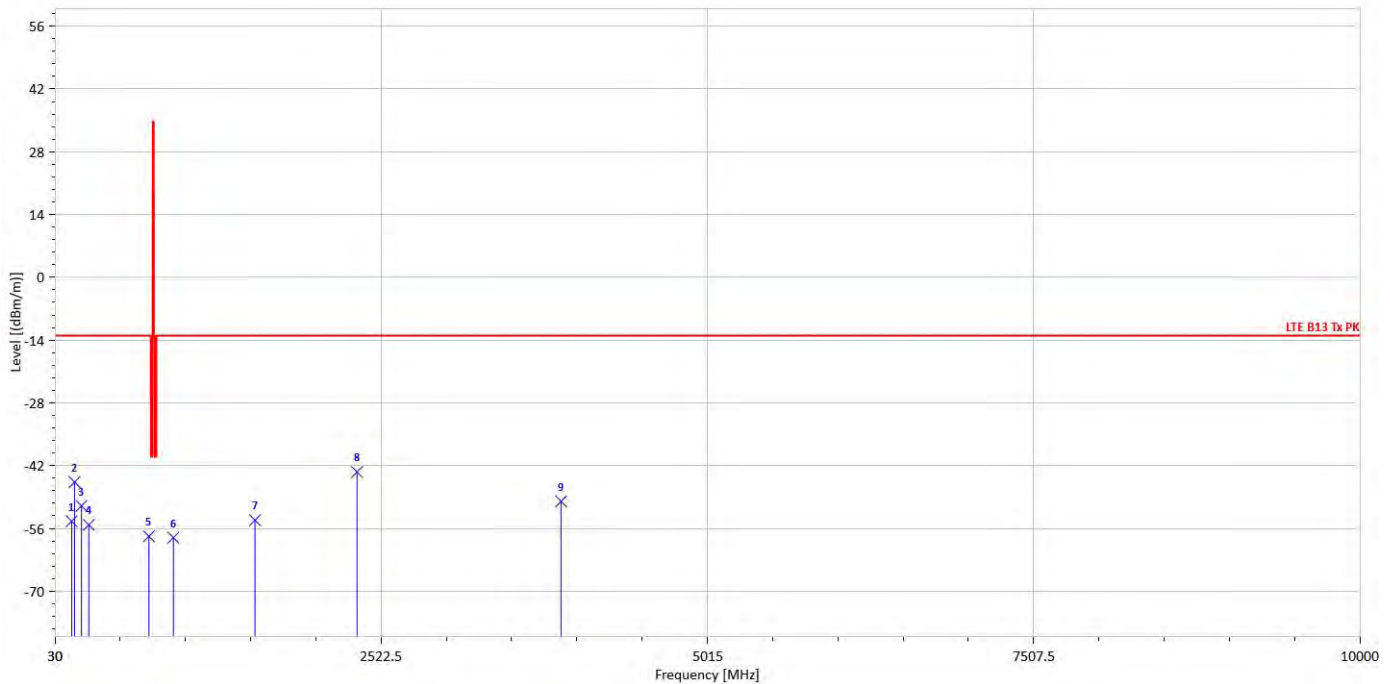
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Radiated Spurious Emission Measurement Result: LTE-Band 13 (The Worst Case)

Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm/m	Margin dB
158.04	S	-54.39	-53.76	1.13	-1.76	-13	-41.39
180.35	S	-45.64	-47.45	3.69	-1.88	-13	-32.64
232.73	S	-50.97	-52.29	3.47	-2.15	-13	-37.97
288.99	S	-55.20	-56.19	3.40	-2.42	-13	-42.20
747.80	S	-57.74	-58.96	5.16	-3.93	-13	-44.74
935.01	S	-58.04	-58.92	5.36	-4.49	-13	-45.04
1559.00	H	-54.16	-54.08	6.16	-6.24	-13	-41.16
2338.50	H	-43.42	-44.18	8.38	-7.62	-13	-30.42
3897.50	H	-49.95	-51.30	10.38	-9.03	-13	-36.95

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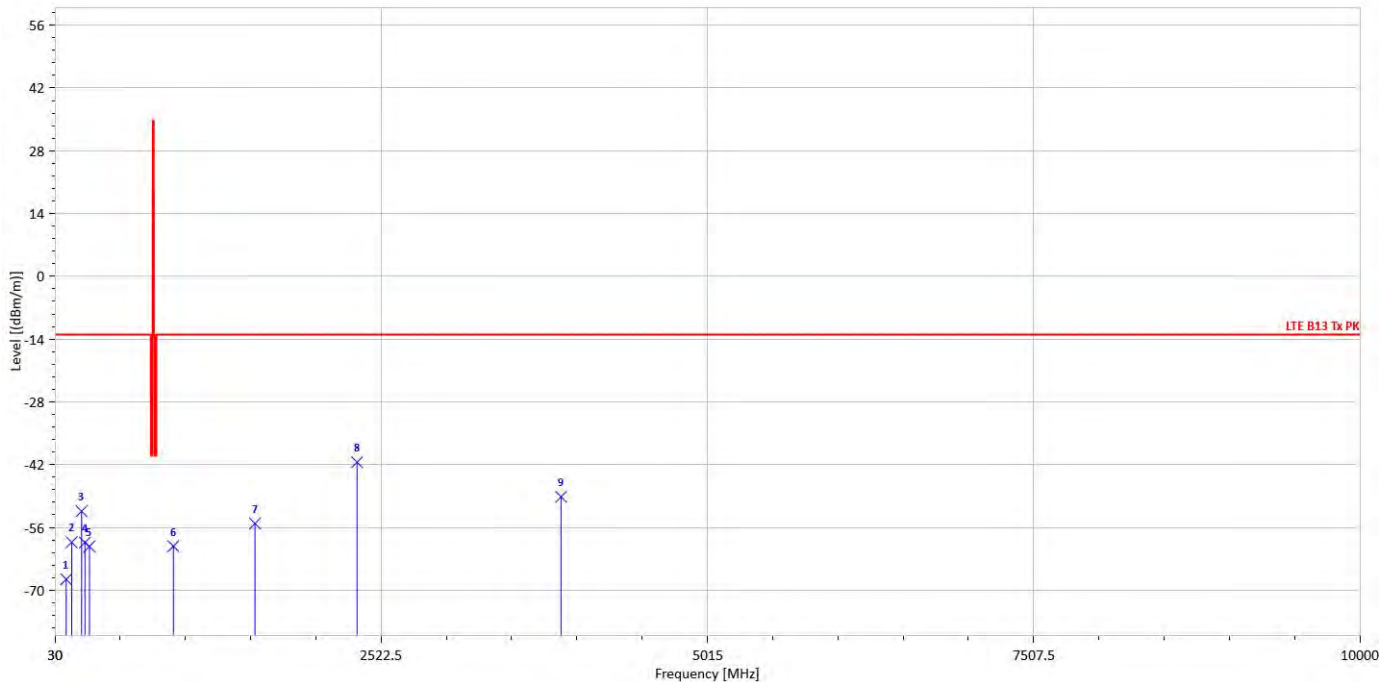
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
116.33	S	-67.57	-62.69	-3.39	-1.49	-13	-54.57
158.04	S	-59.30	-58.68	1.13	-1.76	-13	-46.30
233.70	S	-52.37	-53.65	3.43	-2.16	-13	-39.37
258.92	S	-59.36	-59.20	2.14	-2.29	-13	-46.36
293.84	S	-60.21	-61.22	3.44	-2.44	-13	-47.21
935.01	S	-60.17	-61.04	5.36	-4.49	-13	-47.17
1559.00	H	-55.11	-55.03	6.16	-6.24	-13	-42.11
2338.50	H	-41.46	-42.22	8.38	-7.62	-13	-28.46
3897.50	H	-49.16	-50.51	10.38	-9.03	-13	-36.16

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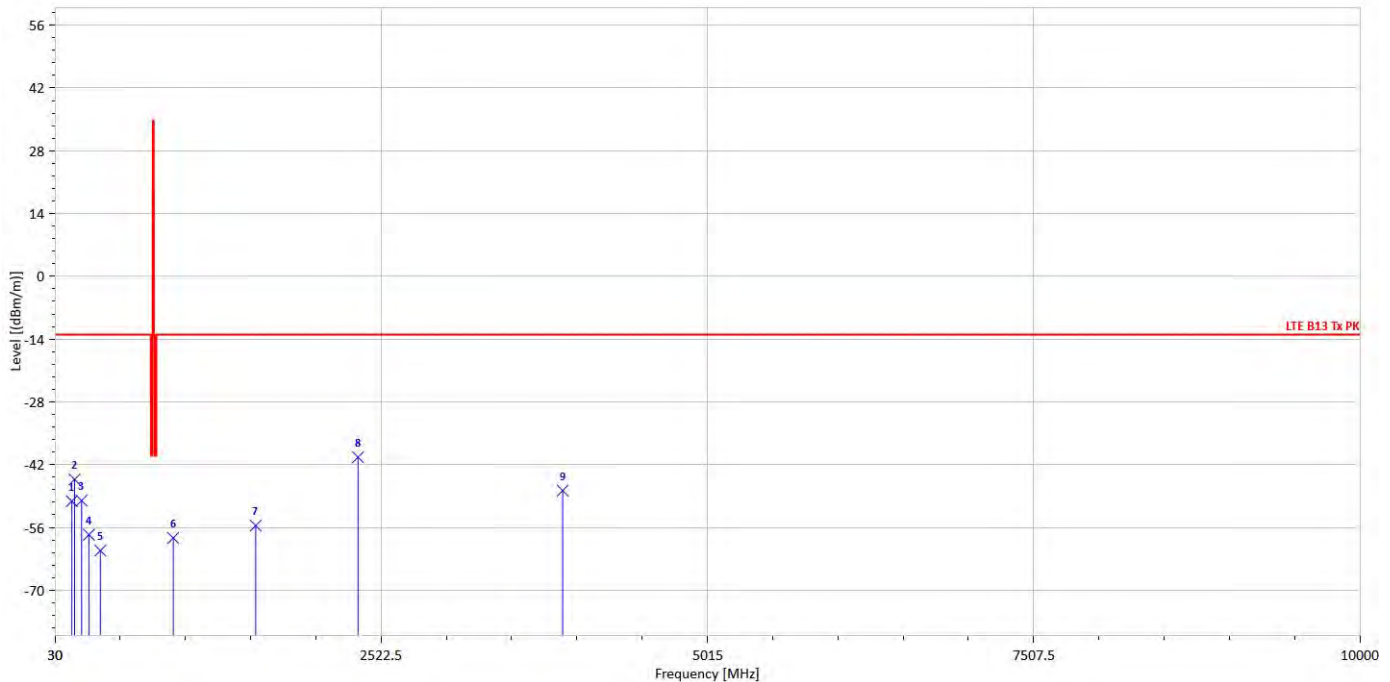
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
159.01	S	-50.14	-49.61	1.24	-1.76	-13	-37.14
180.35	S	-45.27	-47.08	3.69	-1.88	-13	-32.27
233.70	S	-49.99	-51.26	3.43	-2.16	-13	-36.99
289.96	S	-57.62	-58.61	3.41	-2.42	-13	-44.62
377.26	S	-61.15	-61.68	3.31	-2.78	-13	-48.15
934.04	S	-58.34	-59.21	5.36	-4.48	-13	-45.34
1564.00	H	-55.58	-55.53	6.22	-6.27	-13	-42.58
2346.00	H	-40.33	-41.08	8.40	-7.64	-13	-27.33
3910.00	H	-47.78	-49.13	10.40	-9.05	-13	-34.78

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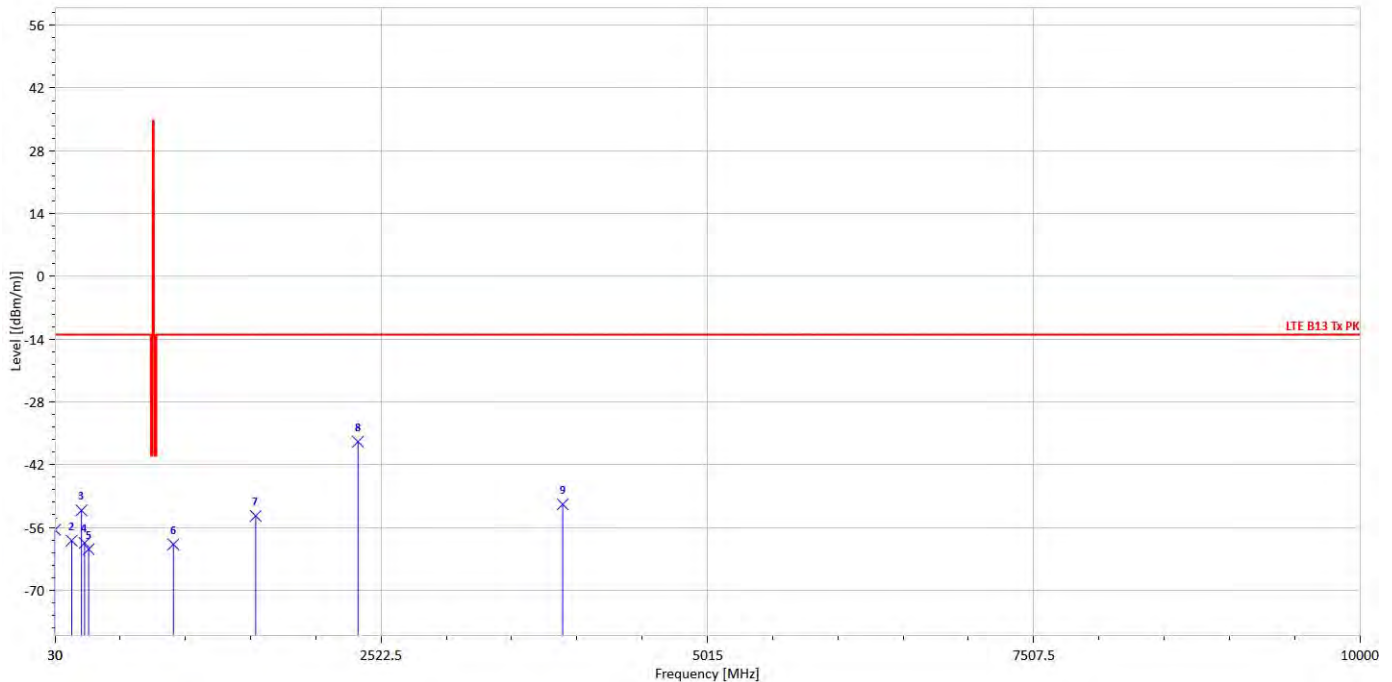
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
30.97	S	-56.52	-34.04	-21.66	-0.82	-13	-43.52
158.04	S	-58.94	-58.32	1.13	-1.76	-13	-45.94
232.73	S	-52.20	-53.52	3.47	-2.15	-13	-39.20
256.98	S	-59.44	-59.45	2.29	-2.28	-13	-46.44
288.02	S	-60.83	-61.81	3.39	-2.41	-13	-47.83
935.01	S	-59.76	-60.63	5.36	-4.49	-13	-46.76
1564.00	H	-53.42	-53.36	6.19	-6.26	-13	-40.42
2346.00	H	-36.87	-37.62	8.39	-7.63	-13	-23.87
3910.00	H	-50.83	-52.18	10.39	-9.04	-13	-37.83

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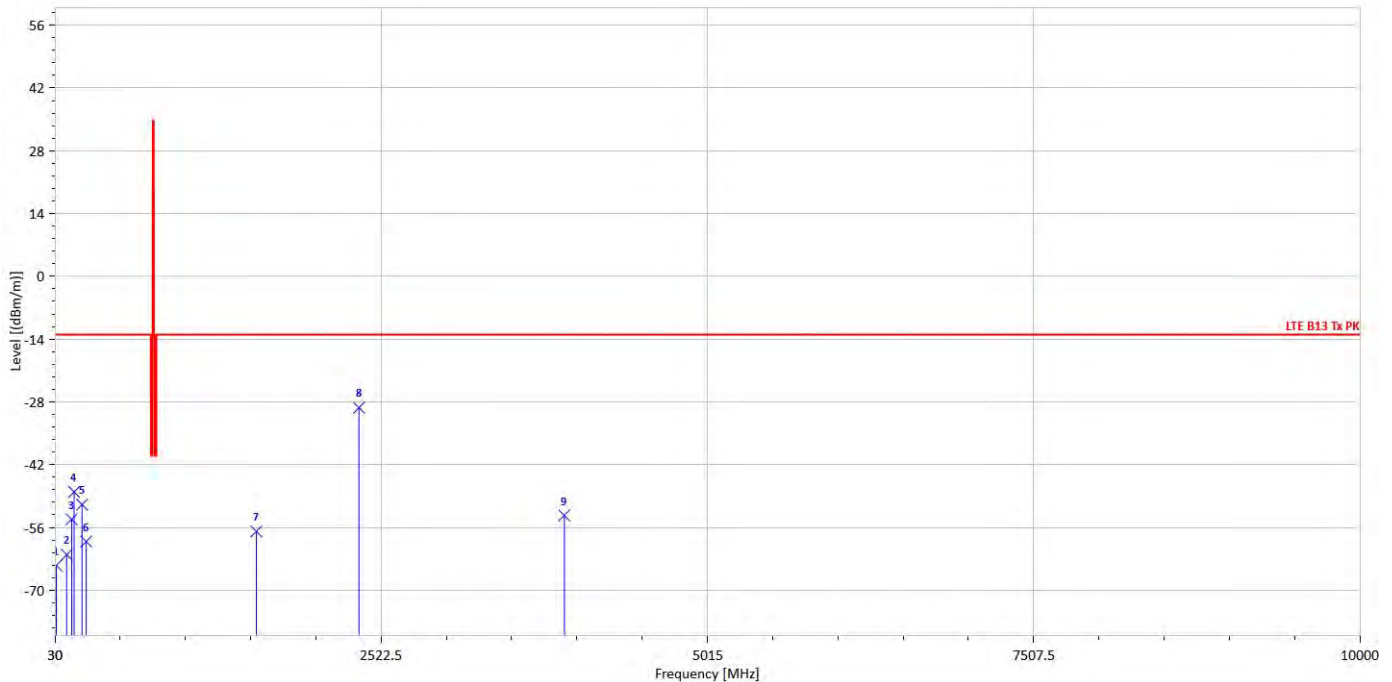
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-64.50	-50.05	-13.59	-0.87	-13	-51.50
120.21	S	-62.07	-57.32	-3.24	-1.51	-13	-49.07
158.04	S	-54.20	-53.58	1.13	-1.76	-13	-41.20
176.47	S	-48.08	-49.50	3.28	-1.86	-13	-35.08
237.58	S	-50.90	-51.98	3.26	-2.18	-13	-37.90
269.59	S	-59.14	-59.85	3.05	-2.34	-13	-46.14
1569.00	H	-56.89	-56.83	6.19	-6.26	-13	-43.89
2353.50	H	-29.29	-30.05	8.39	-7.63	-13	-16.29
3922.50	H	-53.31	-54.65	10.40	-9.05	-13	-40.31

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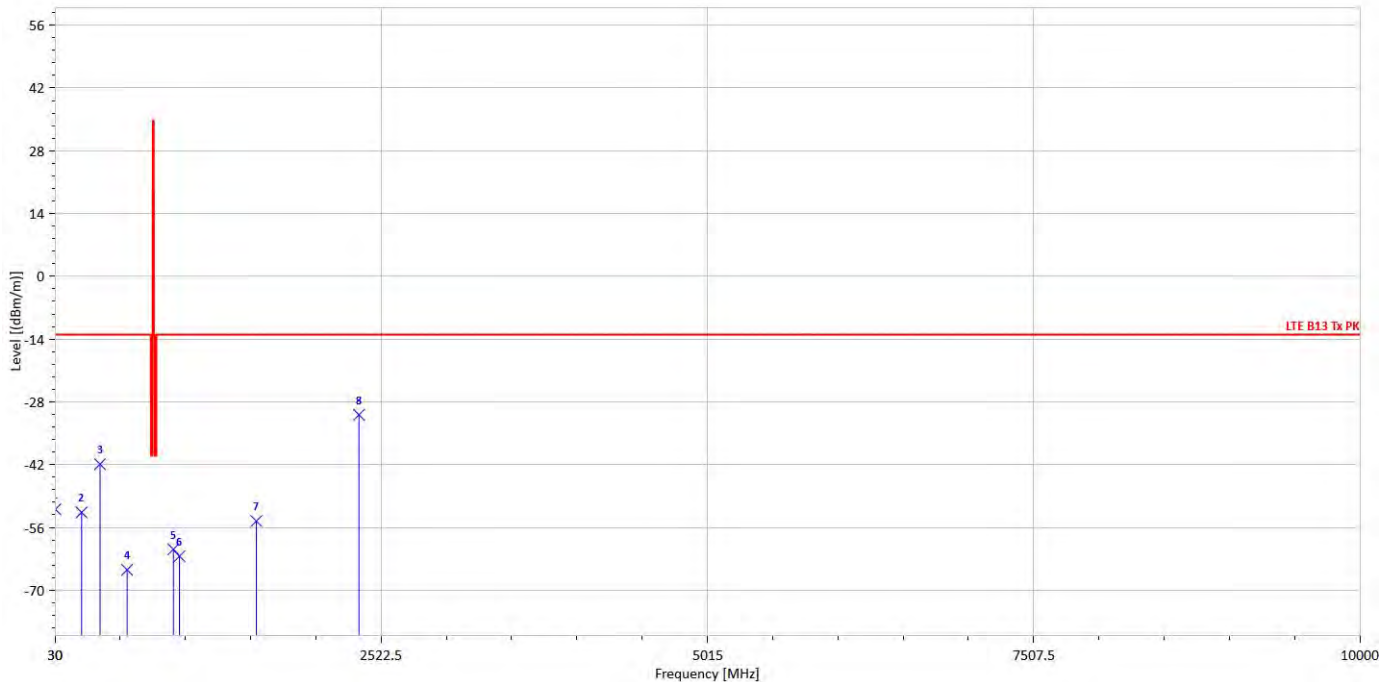
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
MHz	F/H/E/S	dBm	dBm	dBi	dB	dBm/m	dB
33.88	S	-51.95	-31.99	-19.13	-0.84	-13	-38.95
233.70	S	-52.64	-53.91	3.43	-2.16	-13	-39.64
375.32	S	-41.89	-42.44	3.32	-2.77	-13	-28.89
581.93	S	-65.45	-66.14	4.19	-3.50	-13	-52.45
935.01	S	-60.85	-61.73	5.36	-4.49	-13	-47.85
981.57	S	-62.43	-63.33	5.50	-4.60	-13	-49.43
1569.00	H	-54.57	-54.51	6.19	-6.26	-13	-41.57
2353.50	H	-30.89	-31.64	8.39	-7.63	-13	-17.89

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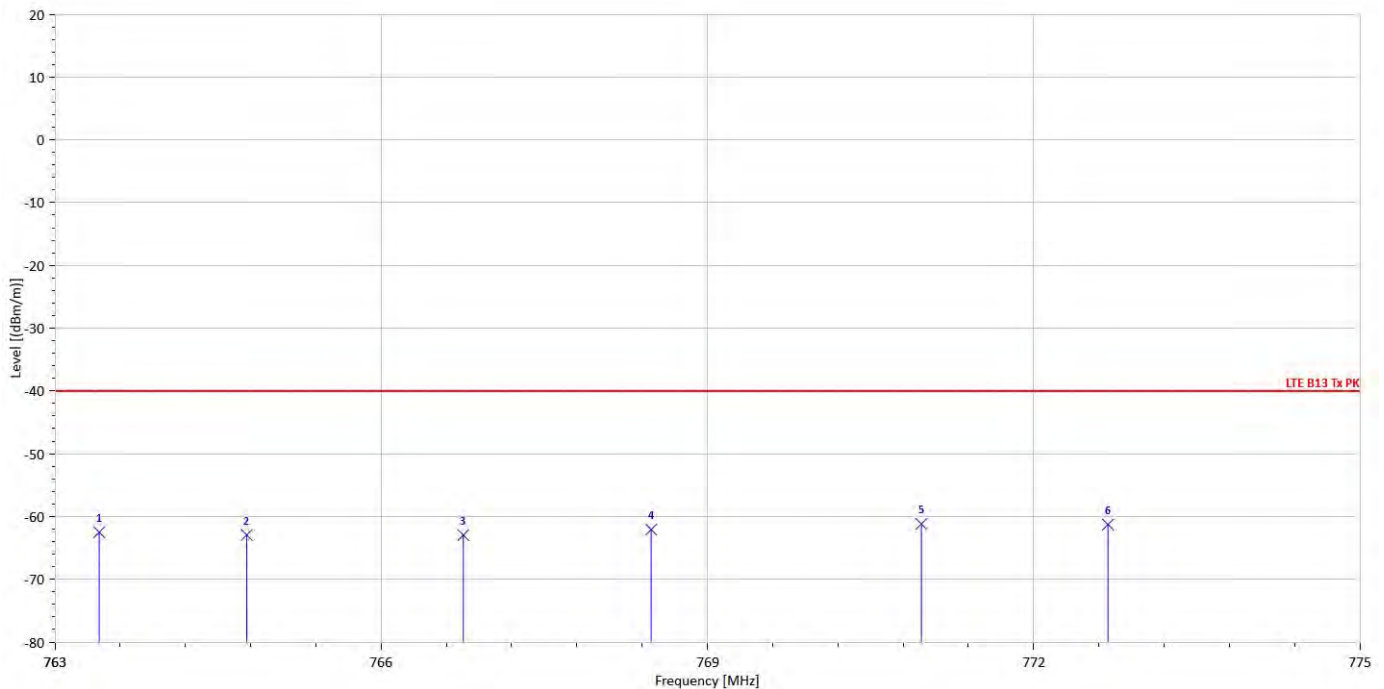
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Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 763~775MHz)

Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm/m	Margin dB
763.41	S	-62.50	-63.69	5.18	-3.98	-40	-22.50
764.76	S	-62.93	-64.12	5.18	-3.99	-40	-22.93
766.76	S	-62.96	-64.14	5.18	-4.00	-40	-22.96
768.48	S	-62.08	-63.25	5.18	-4.00	-40	-22.08
770.97	S	-61.18	-62.35	5.19	-4.01	-40	-21.18
772.68	S	-61.27	-62.44	5.19	-4.02	-40	-21.27

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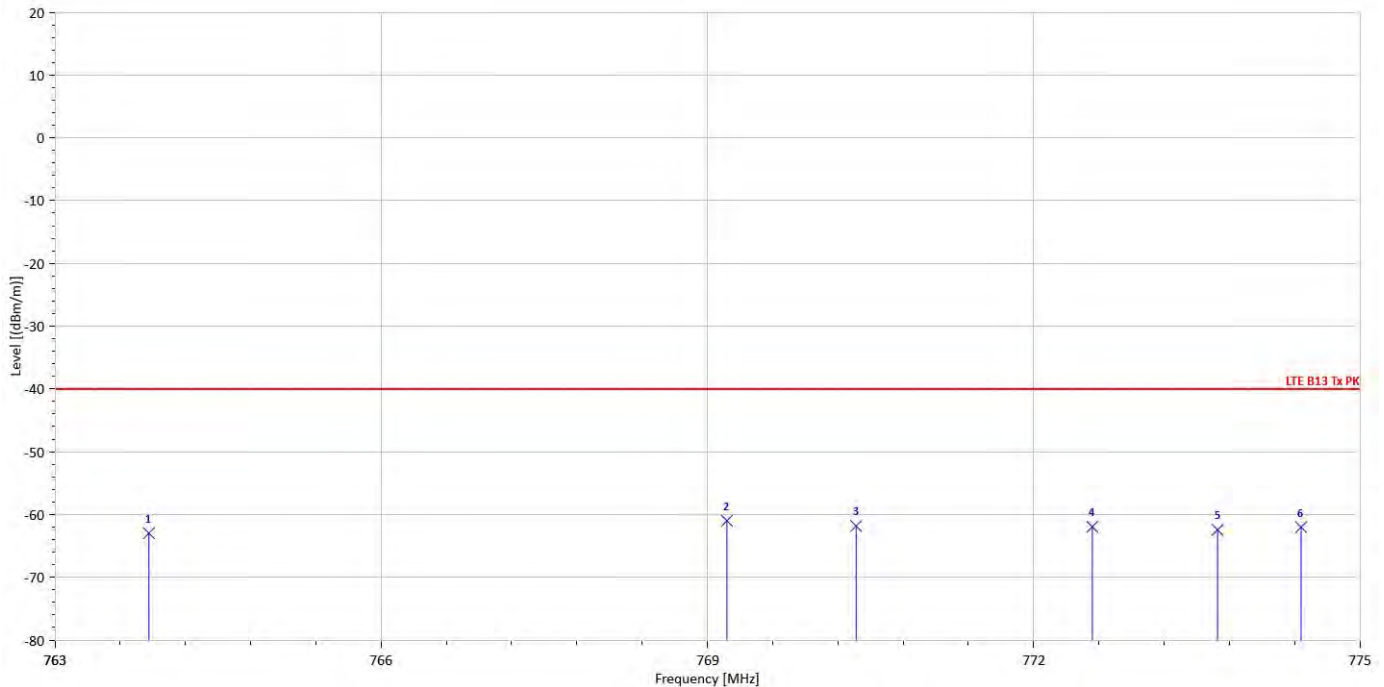
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
763.86	S	-62.97	-64.16	5.18	-3.99	-40	-22.97
769.18	S	-60.98	-62.16	5.18	-4.01	-40	-20.98
770.37	S	-61.83	-63.00	5.18	-4.01	-40	-21.83
772.54	S	-61.94	-63.11	5.19	-4.02	-40	-21.94
773.69	S	-62.45	-63.61	5.19	-4.02	-40	-22.45
774.46	S	-62.01	-63.17	5.19	-4.03	-40	-22.01

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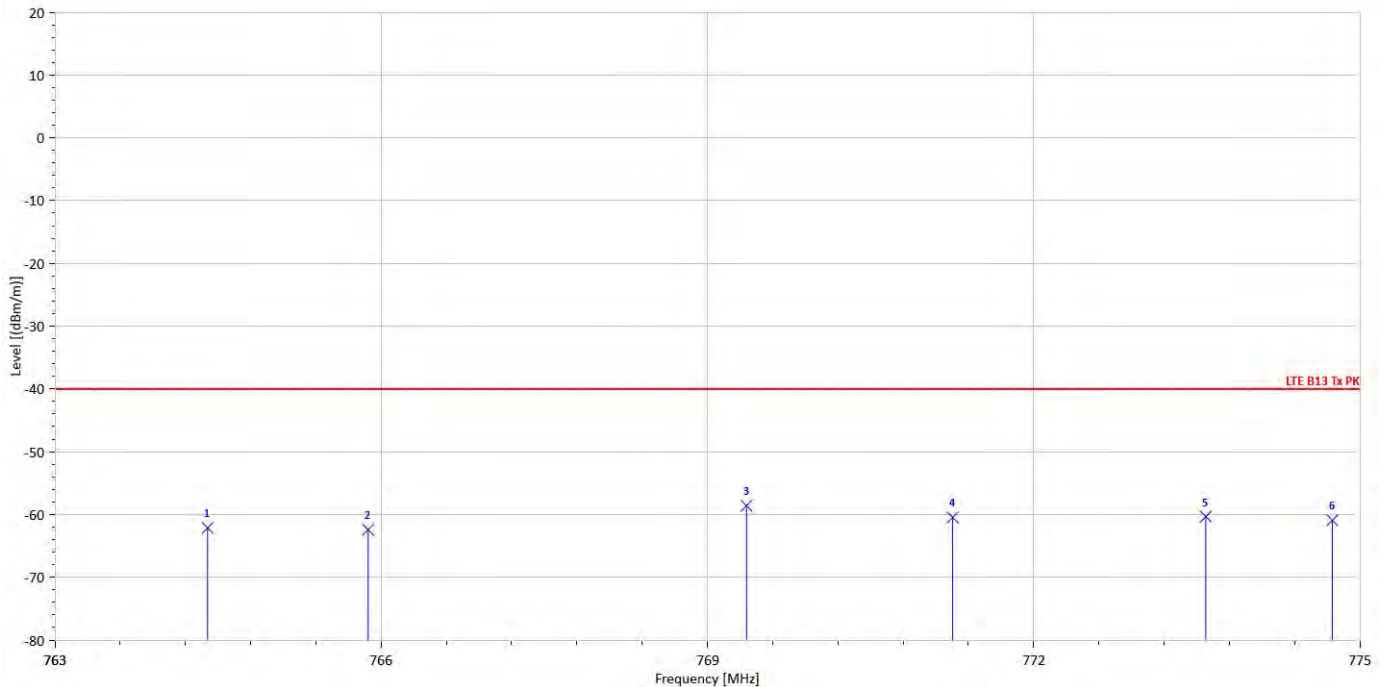
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
764.40	S	-62.12	-63.31	5.18	-3.99	-40	-22.12
765.88	S	-62.42	-63.61	5.18	-3.99	-40	-22.42
769.36	S	-58.60	-59.77	5.18	-4.01	-40	-18.60
771.26	S	-60.47	-61.64	5.19	-4.02	-40	-20.47
773.58	S	-60.32	-61.49	5.19	-4.02	-40	-20.32
774.75	S	-60.91	-62.07	5.19	-4.03	-40	-20.91

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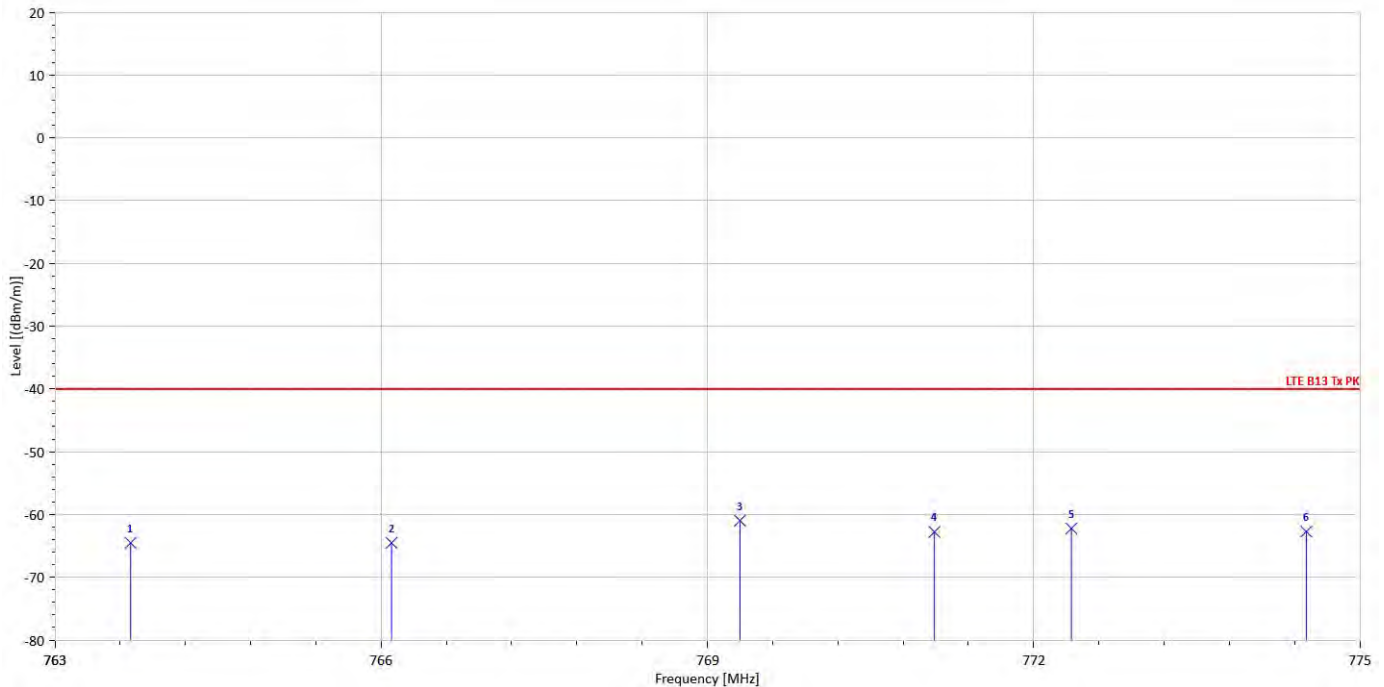
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
763.70	S	-64.52	-65.71	5.18	-3.98	-40	-24.52
766.10	S	-64.52	-65.70	5.18	-3.99	-40	-24.52
769.30	S	-60.96	-62.14	5.18	-4.01	-40	-20.96
771.09	S	-62.76	-63.94	5.19	-4.01	-40	-22.76
772.35	S	-62.22	-63.39	5.19	-4.02	-40	-22.22
774.51	S	-62.71	-63.87	5.19	-4.03	-40	-22.71

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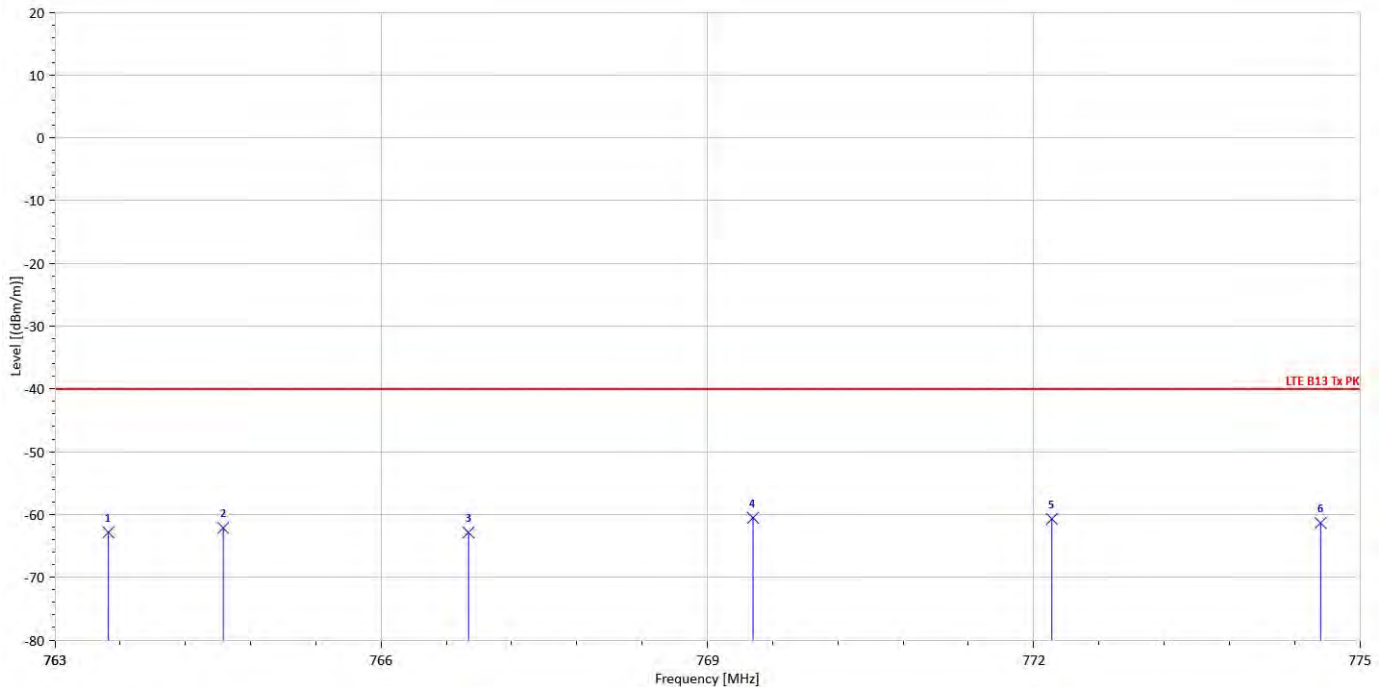
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
763.49	S	-62.85	-64.04	5.18	-3.98	-40	-22.85
764.55	S	-62.14	-63.33	5.18	-3.99	-40	-22.14
766.80	S	-62.87	-64.06	5.18	-4.00	-40	-22.87
769.42	S	-60.52	-61.69	5.18	-4.01	-40	-20.52
772.17	S	-60.70	-61.87	5.19	-4.02	-40	-20.70
774.64	S	-61.34	-62.50	5.19	-4.03	-40	-21.34

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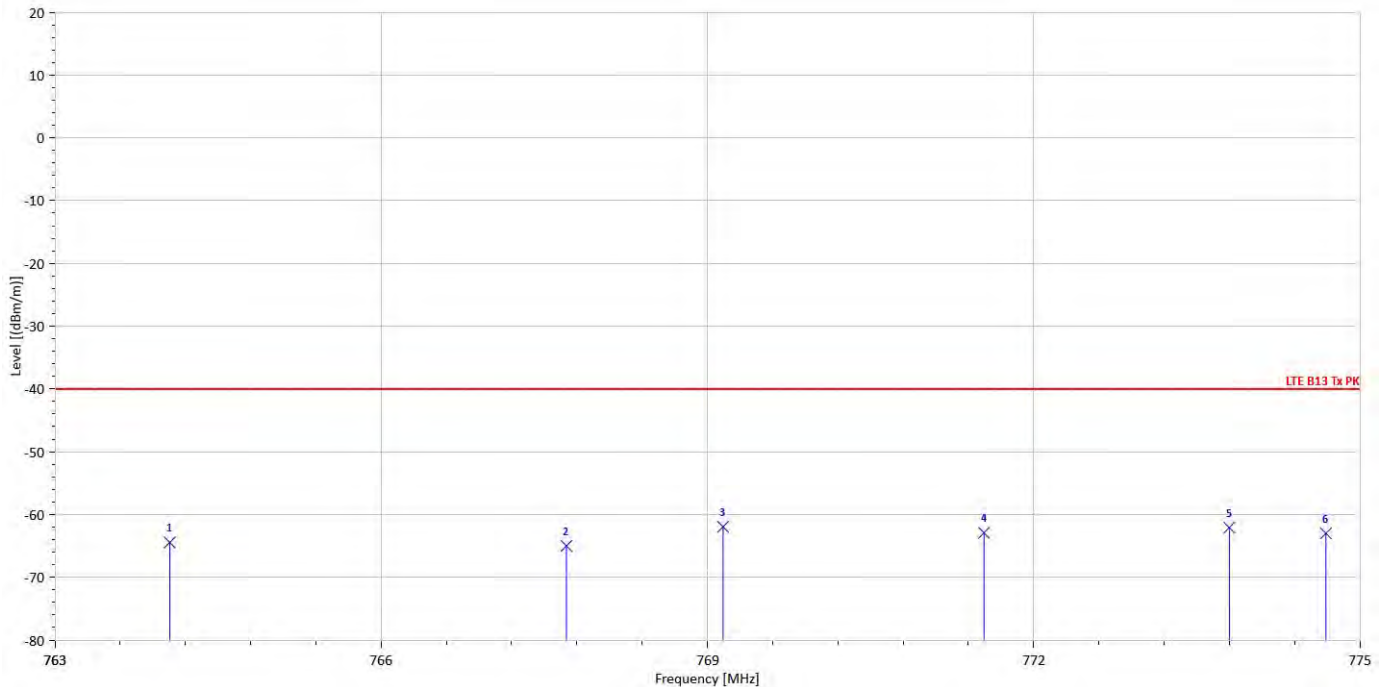
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
764.06	S	-64.45	-65.64	5.18	-3.99	-40	-24.45
767.70	S	-65.00	-66.18	5.18	-4.00	-40	-25.00
769.14	S	-61.94	-63.11	5.18	-4.01	-40	-21.94
771.54	S	-62.92	-64.09	5.19	-4.02	-40	-22.92
773.80	S	-62.08	-63.24	5.19	-4.03	-40	-22.08
774.69	S	-62.99	-64.15	5.19	-4.03	-40	-22.99

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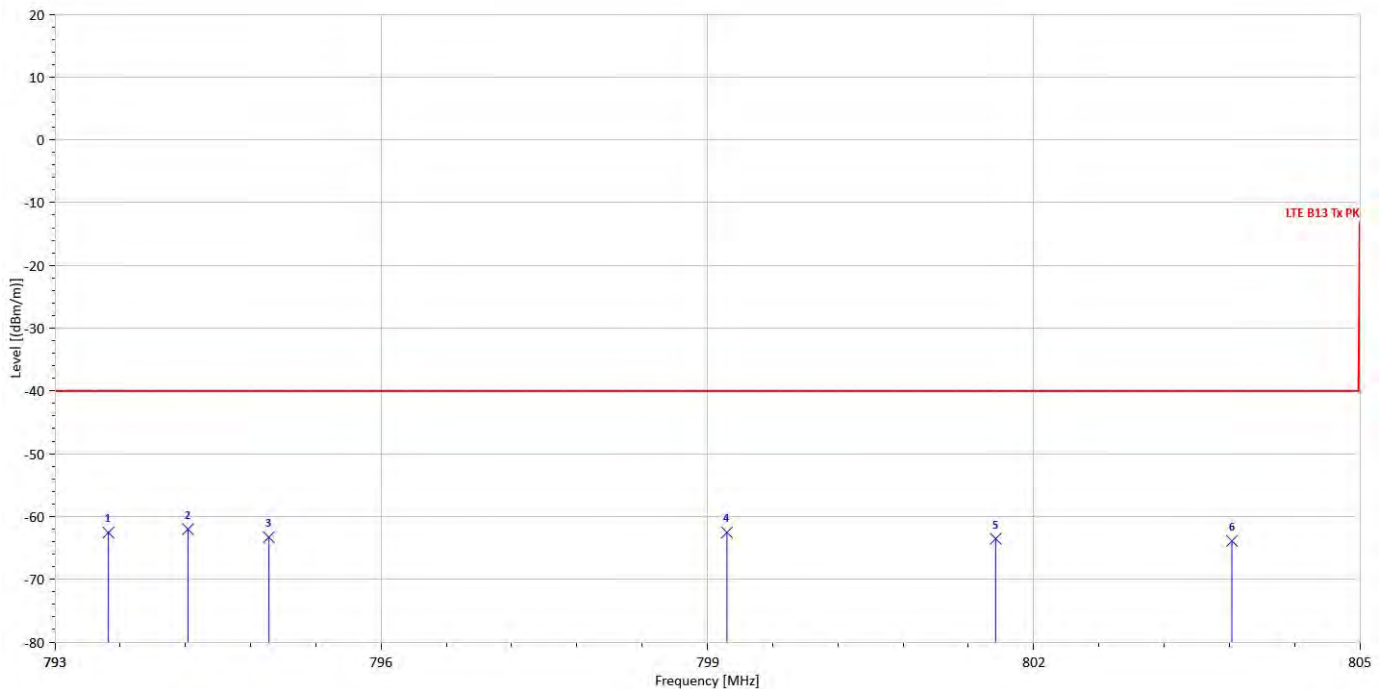
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Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 793~805MHz)

Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq. MHz	Note F/H/E/S	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBi	Cable Loss dB	Limit @3m dBm/m	Margin dB
793.49	S	-62.56	-63.67	5.21	-4.10	-40	-22.56
794.22	S	-62.02	-63.13	5.21	-4.10	-40	-22.02
794.97	S	-63.31	-64.42	5.21	-4.10	-40	-23.31
799.18	S	-62.53	-63.64	5.22	-4.11	-40	-22.53
801.65	S	-63.54	-64.64	5.21	-4.11	-40	-23.54
803.82	S	-63.88	-64.97	5.21	-4.12	-40	-23.88

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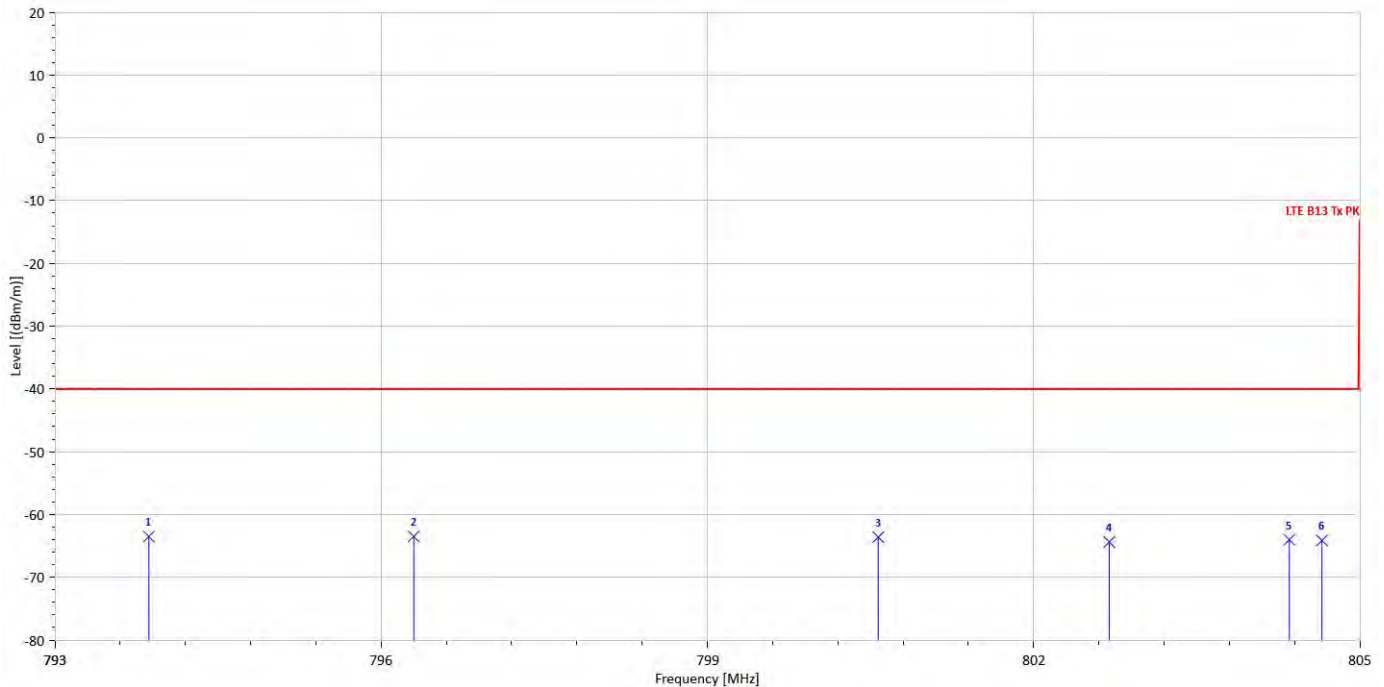
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
793.86	S	-63.50	-64.62	5.21	-4.10	-40	-23.50
796.30	S	-63.48	-64.60	5.22	-4.10	-40	-23.48
800.57	S	-63.60	-64.71	5.22	-4.11	-40	-23.60
802.70	S	-64.36	-65.46	5.21	-4.12	-40	-24.36
804.35	S	-64.00	-65.09	5.21	-4.12	-40	-24.00
804.65	S	-64.14	-65.22	5.20	-4.12	-40	-24.14

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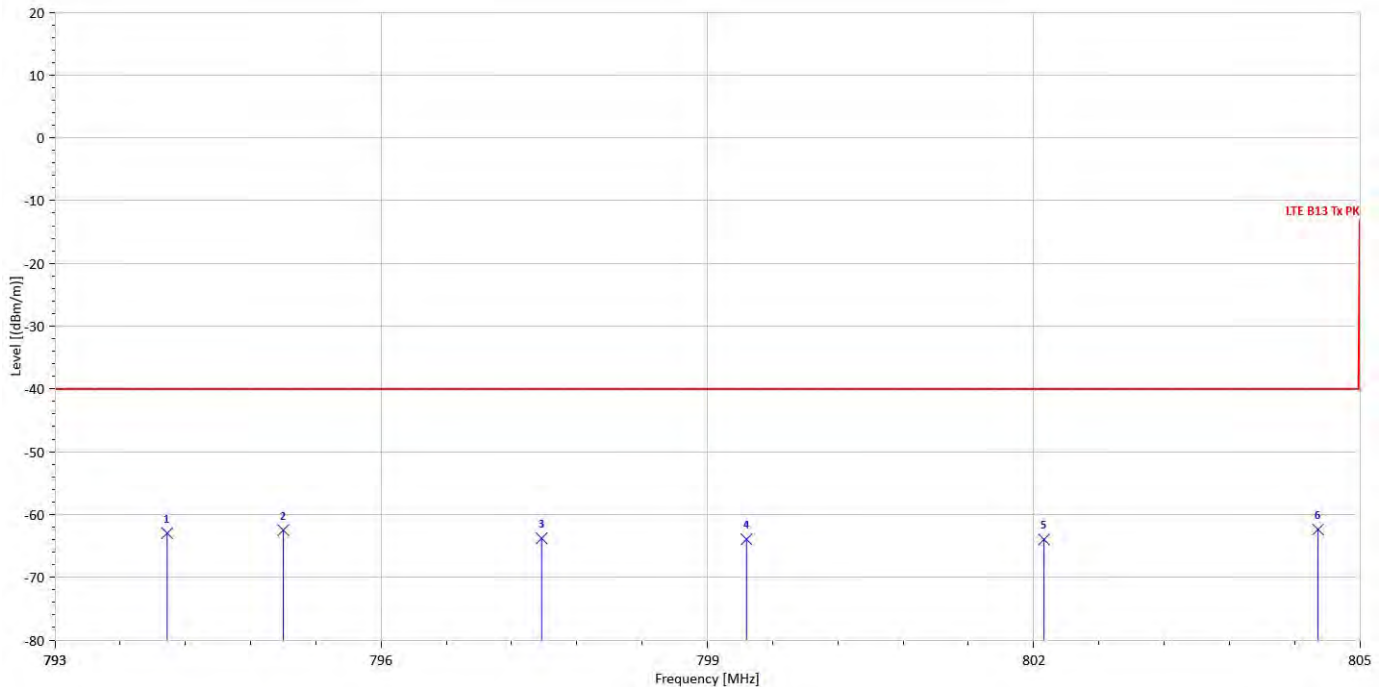
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
794.03	S	-62.97	-64.09	5.21	-4.10	-40	-22.97
795.10	S	-62.49	-63.60	5.21	-4.10	-40	-22.49
797.48	S	-63.79	-64.90	5.22	-4.10	-40	-23.79
799.36	S	-63.95	-65.06	5.22	-4.11	-40	-23.95
802.10	S	-63.97	-65.07	5.21	-4.11	-40	-23.97
804.62	S	-62.38	-63.47	5.20	-4.12	-40	-22.38

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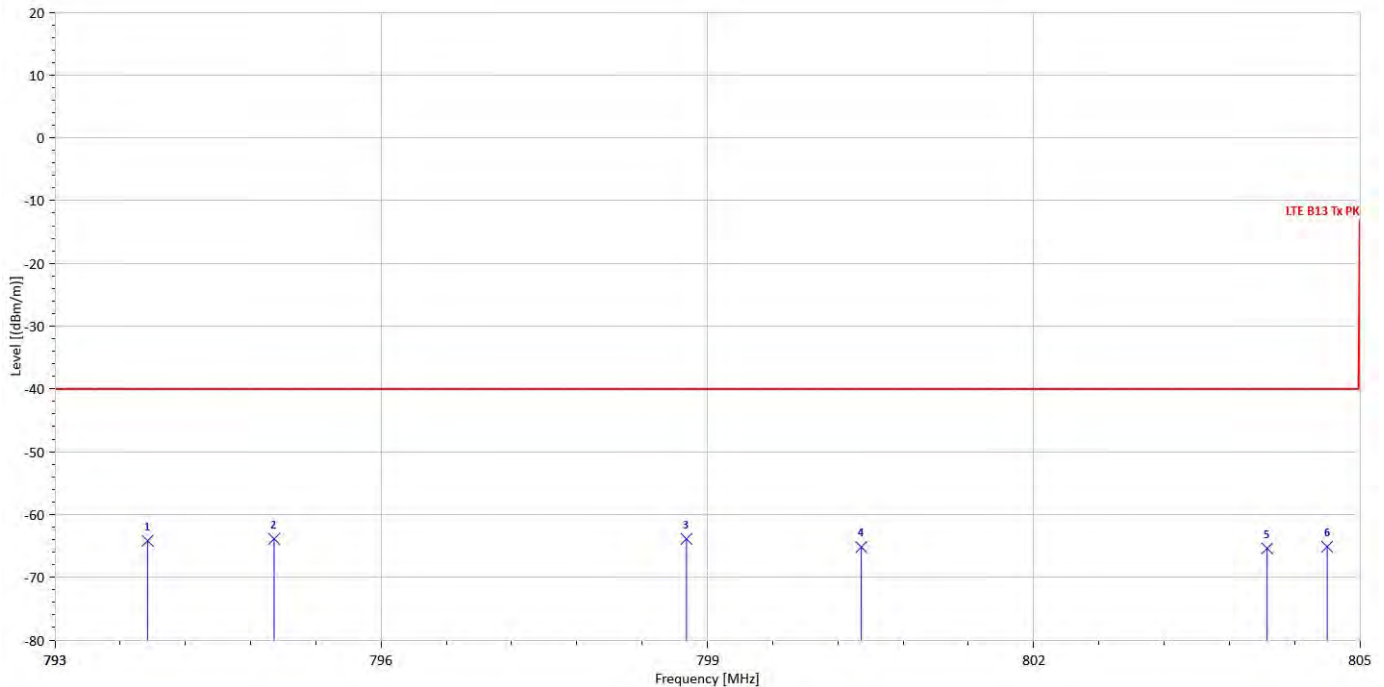
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
793.85	S	-64.18	-65.30	5.21	-4.10	-40	-24.18
795.02	S	-63.87	-64.98	5.21	-4.10	-40	-23.87
798.81	S	-63.89	-65.00	5.22	-4.11	-40	-23.89
800.42	S	-65.19	-66.29	5.22	-4.11	-40	-25.19
804.15	S	-65.42	-66.50	5.21	-4.12	-40	-25.42
804.70	S	-65.11	-66.20	5.20	-4.12	-40	-25.11

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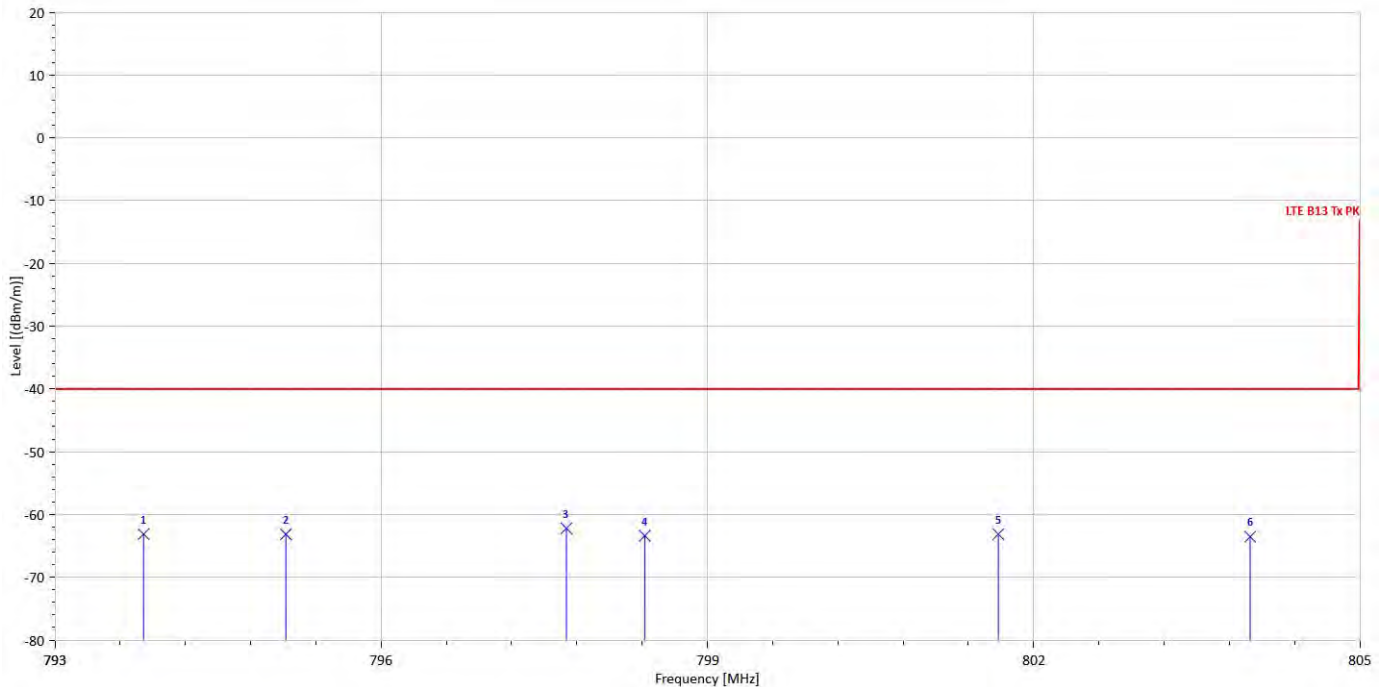
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
793.82	S	-63.12	-64.23	5.21	-4.10	-40	-23.12
795.12	S	-63.13	-64.25	5.21	-4.10	-40	-23.13
797.70	S	-62.19	-63.30	5.22	-4.11	-40	-22.19
798.42	S	-63.39	-64.50	5.22	-4.11	-40	-23.39
801.68	S	-63.12	-64.22	5.21	-4.11	-40	-23.12
803.99	S	-63.53	-64.62	5.21	-4.12	-40	-23.53

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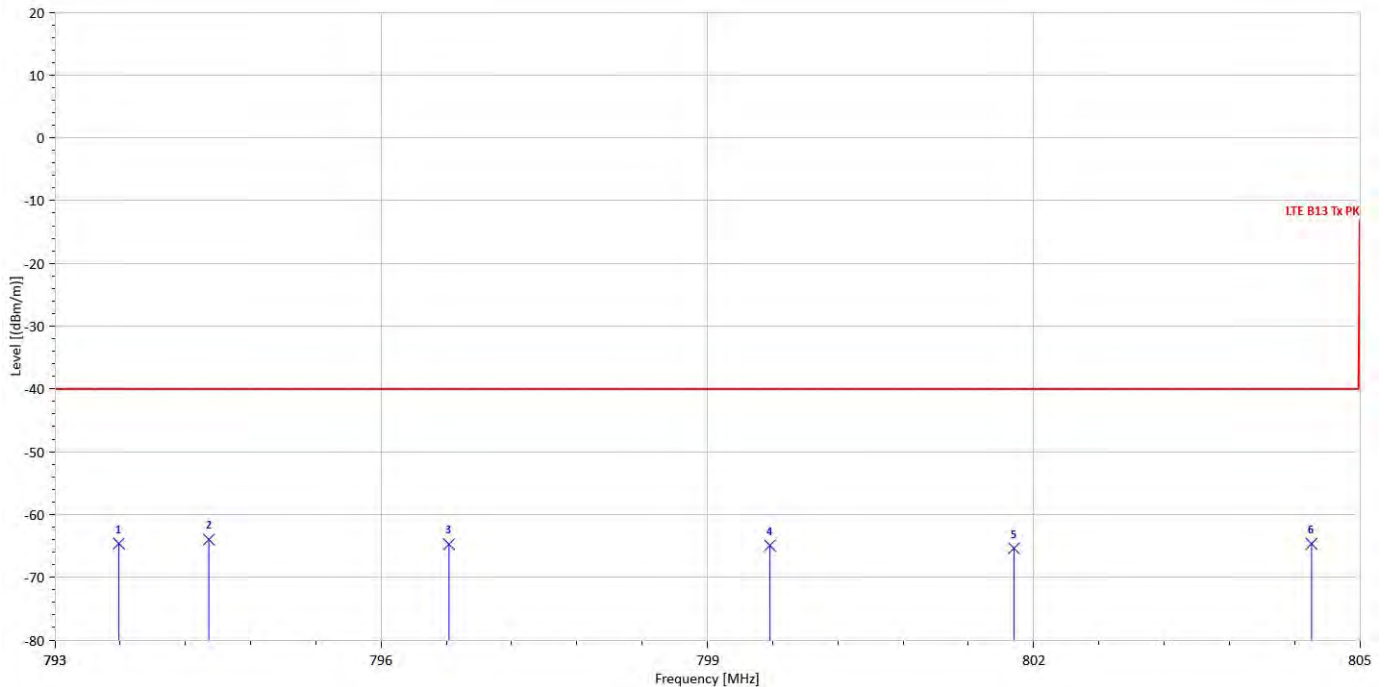
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
793.59	S	-64.61	-65.73	5.21	-4.10	-40	-24.61
794.42	S	-63.98	-65.10	5.21	-4.10	-40	-23.98
796.62	S	-64.74	-65.85	5.22	-4.10	-40	-24.74
799.58	S	-64.92	-66.03	5.22	-4.11	-40	-24.92
801.82	S	-65.38	-66.48	5.21	-4.11	-40	-25.38
804.56	S	-64.66	-65.74	5.20	-4.12	-40	-24.66

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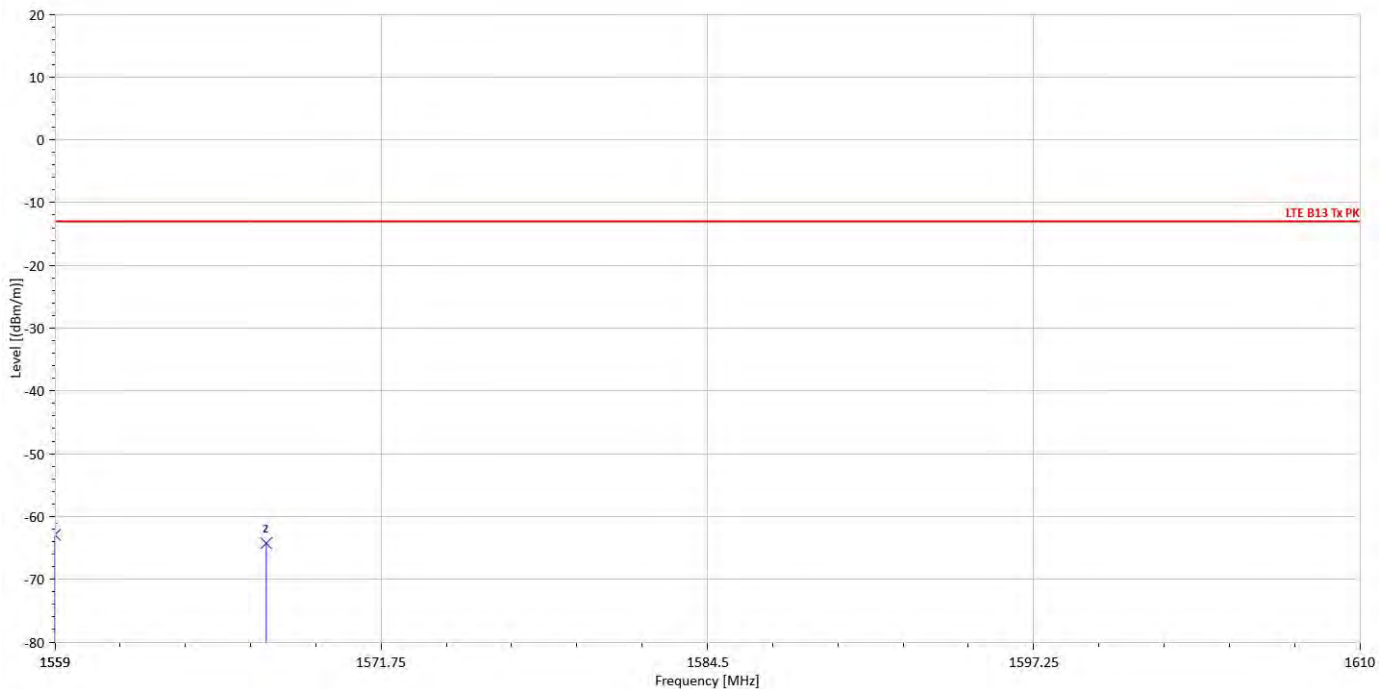
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Radiated Spurious Emission Measurement Result: LTE-Band 13 (inband measurement 1559~1610MHz)

Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/4
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1559.00	H	-62.92	-62.86	6.20	-6.26	-13	-49.92
1567.26	S	-64.25	-64.21	6.23	-6.28	-13	-51.25

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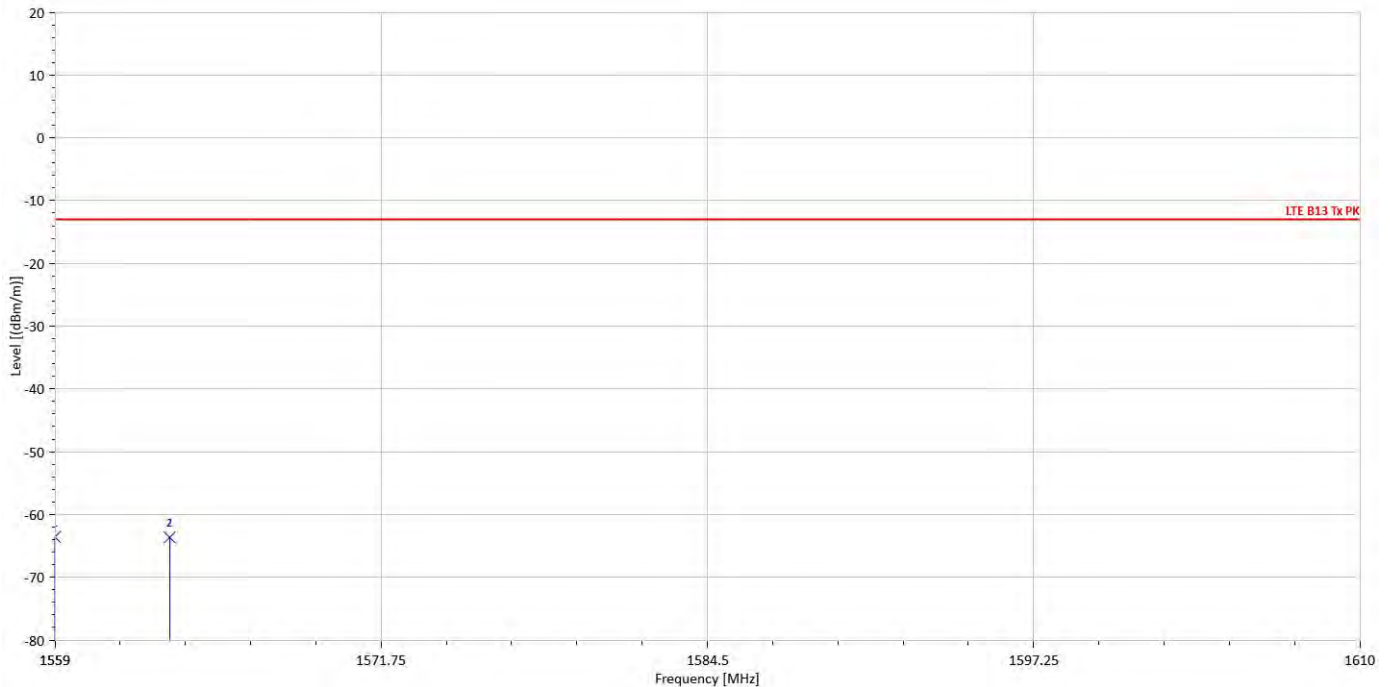
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/4
Fundamental Frequency :	779.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1559.00	H	-63.57	-63.51	6.20	-6.26	-13	-50.57
1563.49	S	-63.64	-63.58	6.22	-6.27	-13	-50.64

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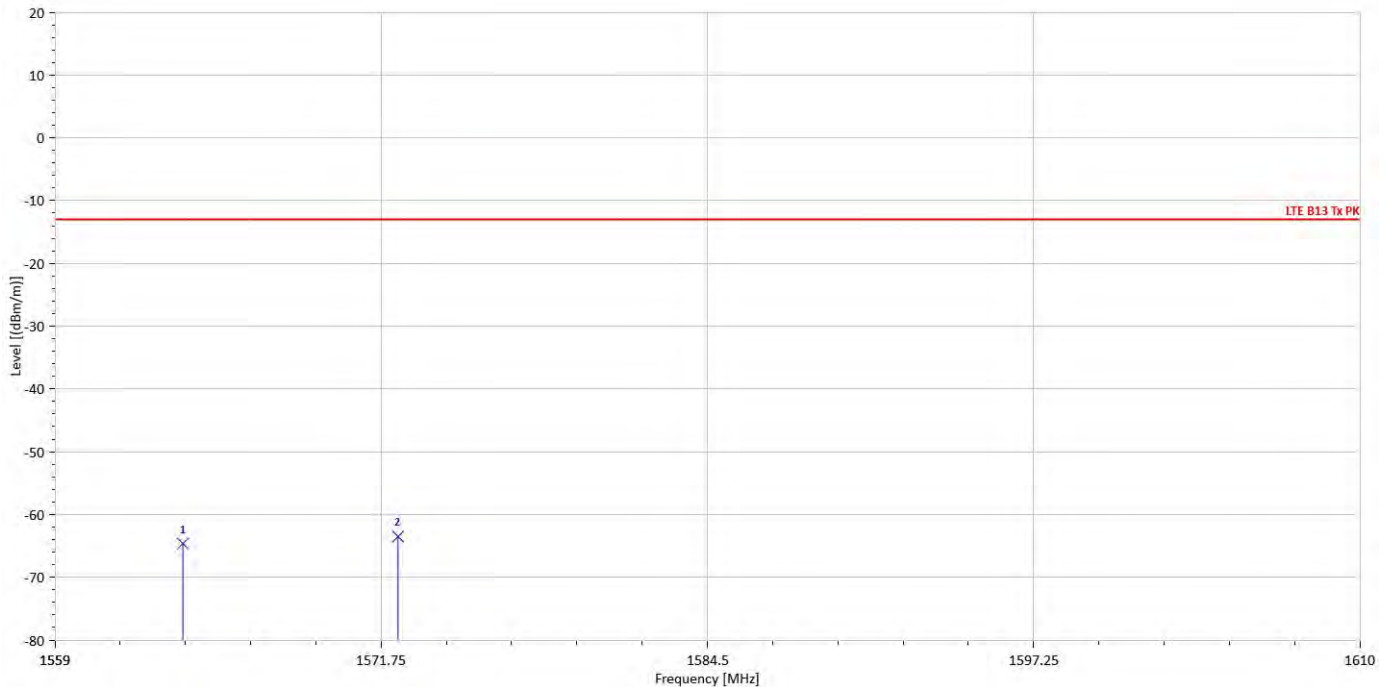
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/4
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1564.00	H	-64.62	-64.57	6.22	-6.27	-13	-51.62
1572.41	S	-63.51	-63.47	6.25	-6.29	-13	-50.51

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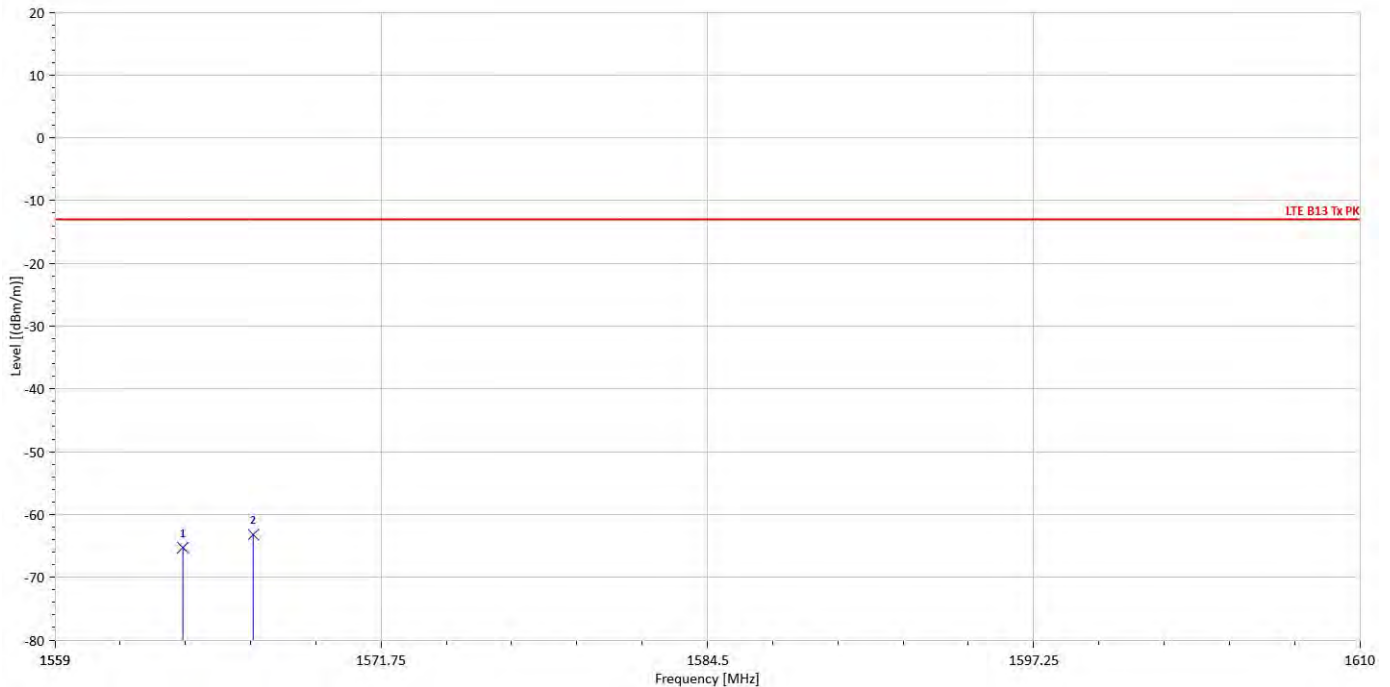
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Operation Mode :	LTEB13 5M QPSK 1.0	Test Date :	2018/5/4
Fundamental Frequency :	782 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1564.00	H	-65.27	-65.22	6.22	-6.27	-13	-52.27
1566.75	S	-63.20	-63.15	6.23	-6.28	-13	-50.20

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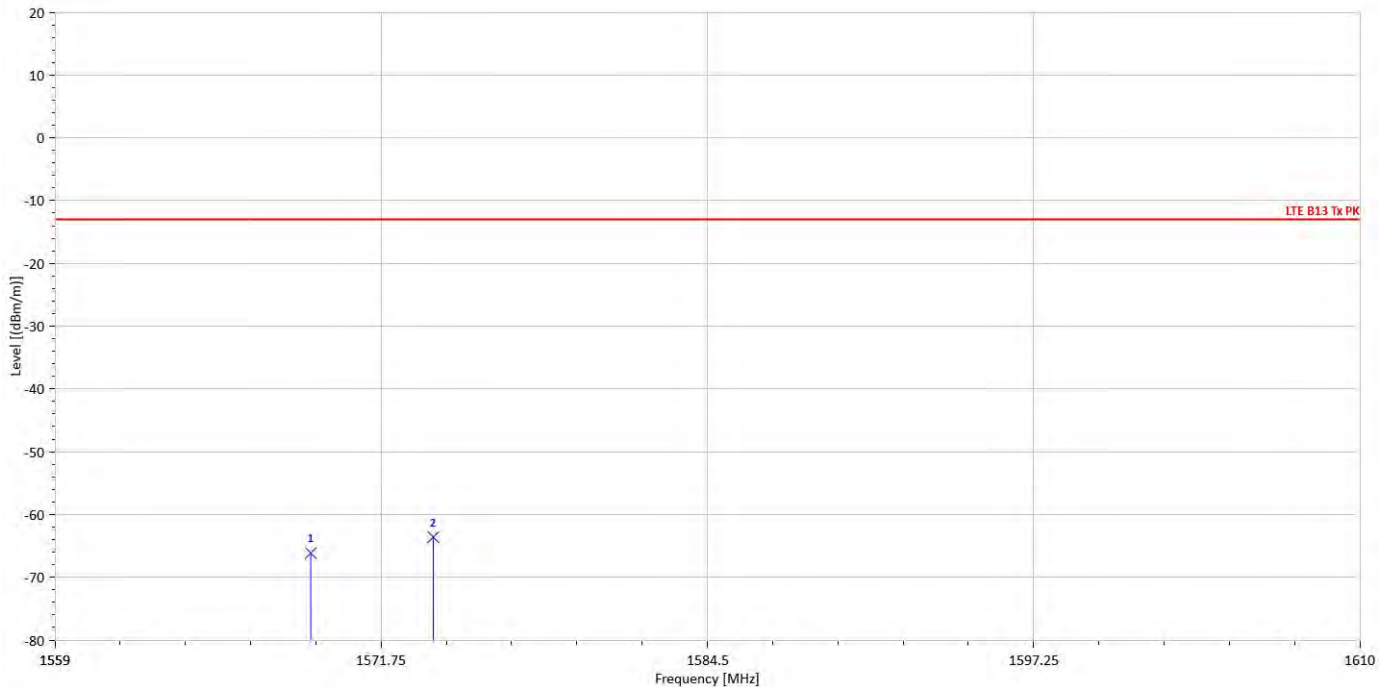
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Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1569.00	H	-66.13	-66.09	6.24	-6.28	-13	-53.13
1573.79	S	-63.61	-63.57	6.26	-6.29	-13	-50.61

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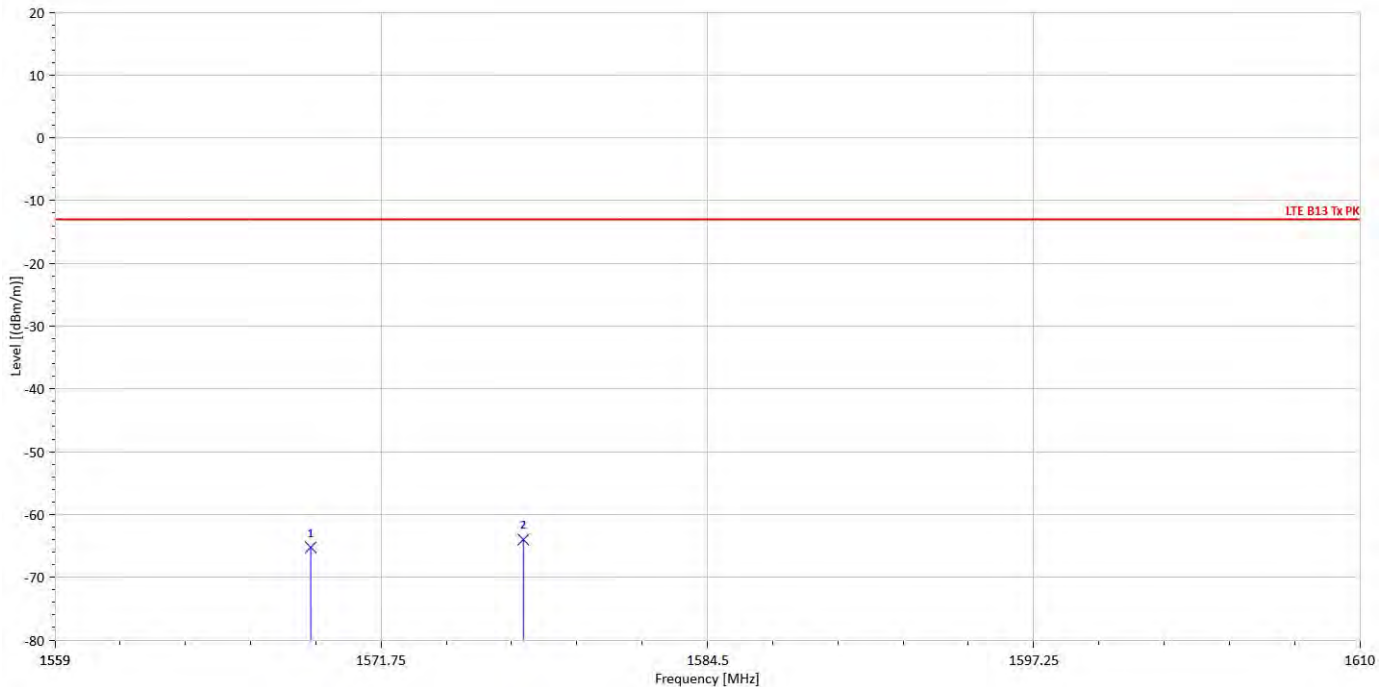
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Fundamental Frequency :	784.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	EPR/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
1569.00	H	-65.22	-65.18	6.24	-6.28	-13	-52.22
1577.31	S	-63.99	-63.96	6.27	-6.30	-13	-50.99

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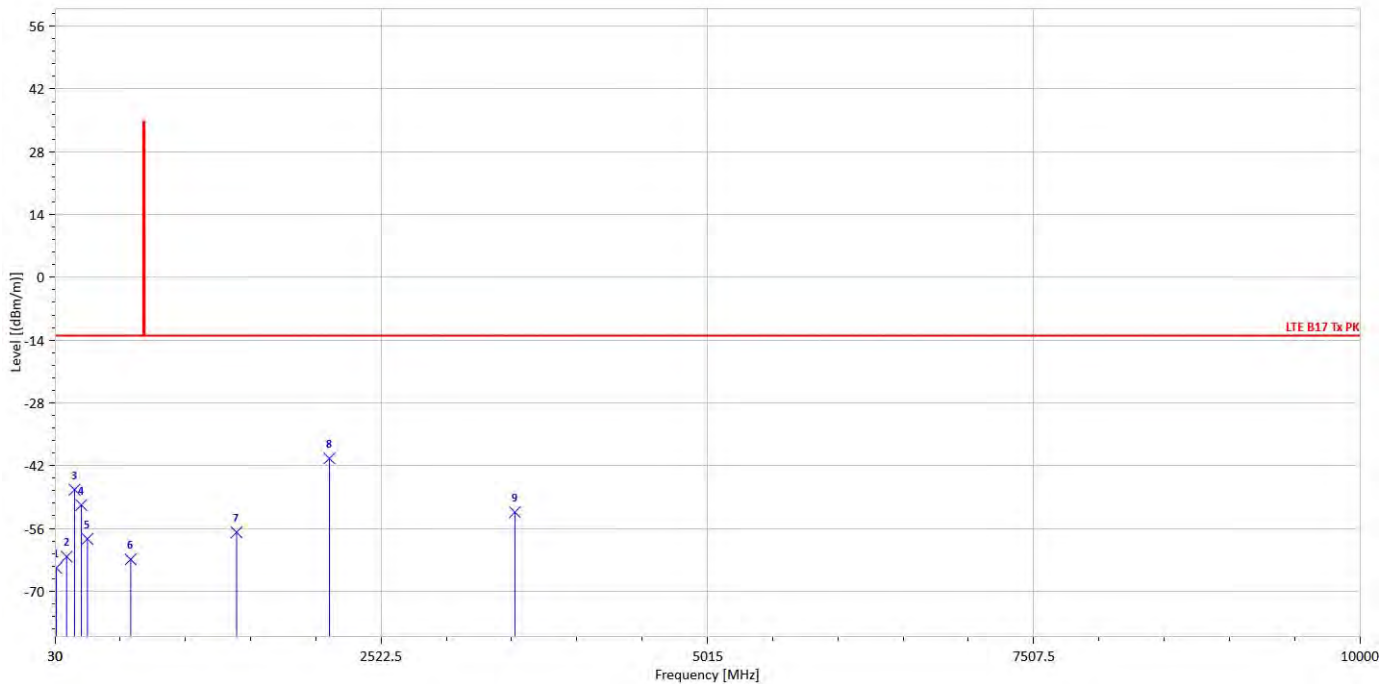
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Radiated Spurious Emission Measurement Result: LTE-Band 17 (The Worst Case)

Operation Mode :	LTEB17 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	709 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-64.79	-50.34	-13.59	-0.87	-13	-51.79
120.21	S	-62.29	-57.54	-3.24	-1.51	-13	-49.29
180.35	S	-47.35	-49.16	3.69	-1.88	-13	-34.35
231.76	S	-50.78	-52.14	3.51	-2.15	-13	-37.78
278.32	S	-58.32	-59.21	3.26	-2.37	-13	-45.32
609.09	S	-62.89	-63.67	4.37	-3.60	-13	-49.89
1418.00	H	-56.86	-56.48	5.58	-5.95	-13	-43.86
2127.00	H	-40.35	-41.20	8.18	-7.34	-13	-27.35
3545.00	H	-52.38	-53.76	10.19	-8.81	-13	-39.38

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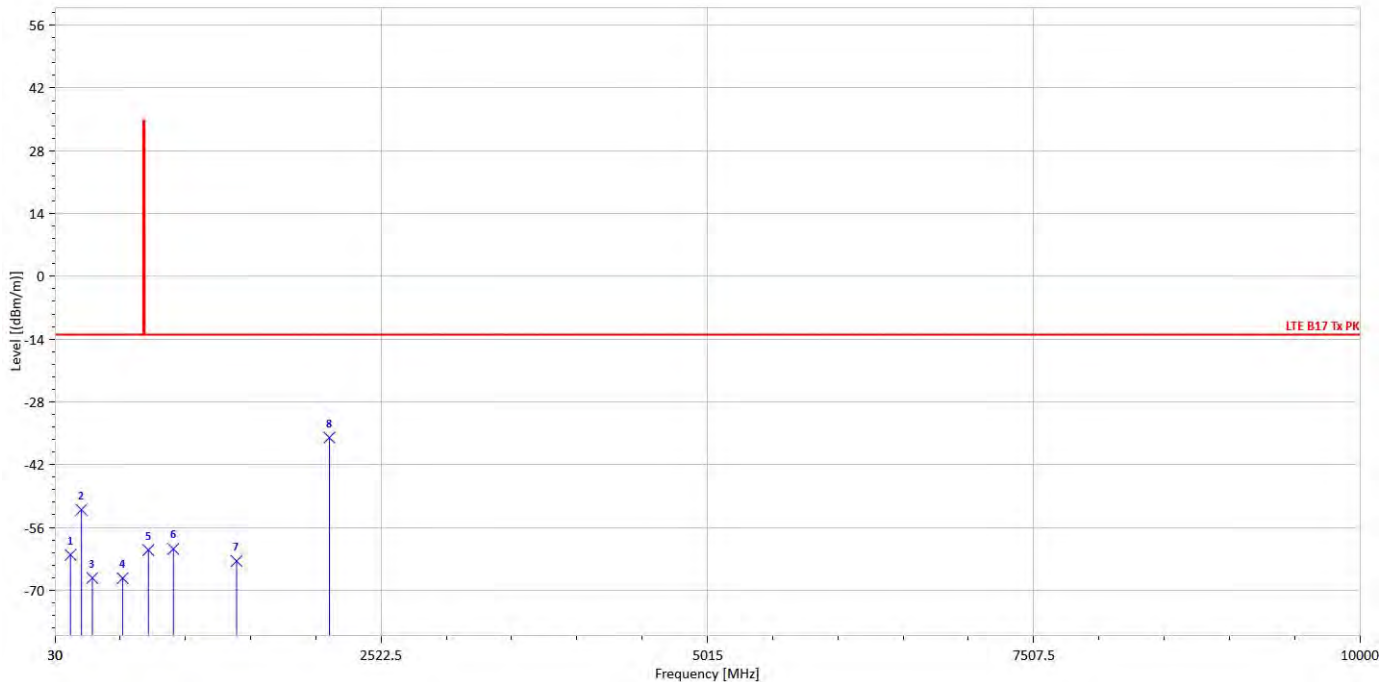
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Operation Mode : LTEB17 10M 16QAM 1.49 Test Date : 2018/5/2
Fundamental Frequency : 709 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : Tx CH LOW Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
149.31	S	-62.11	-60.58	0.18	-1.71	-13	-49.11
232.73	S	-52.07	-53.39	3.47	-2.15	-13	-39.07
316.15	S	-67.26	-68.20	3.48	-2.54	-13	-54.26
547.98	S	-67.33	-67.90	3.97	-3.40	-13	-54.33
743.92	S	-61.04	-62.27	5.15	-3.92	-13	-48.04
935.01	S	-60.79	-61.66	5.36	-4.49	-13	-47.79
1418.00	H	-63.49	-63.10	5.56	-5.94	-13	-50.49
2127.00	H	-35.96	-36.81	8.18	-7.34	-13	-22.96

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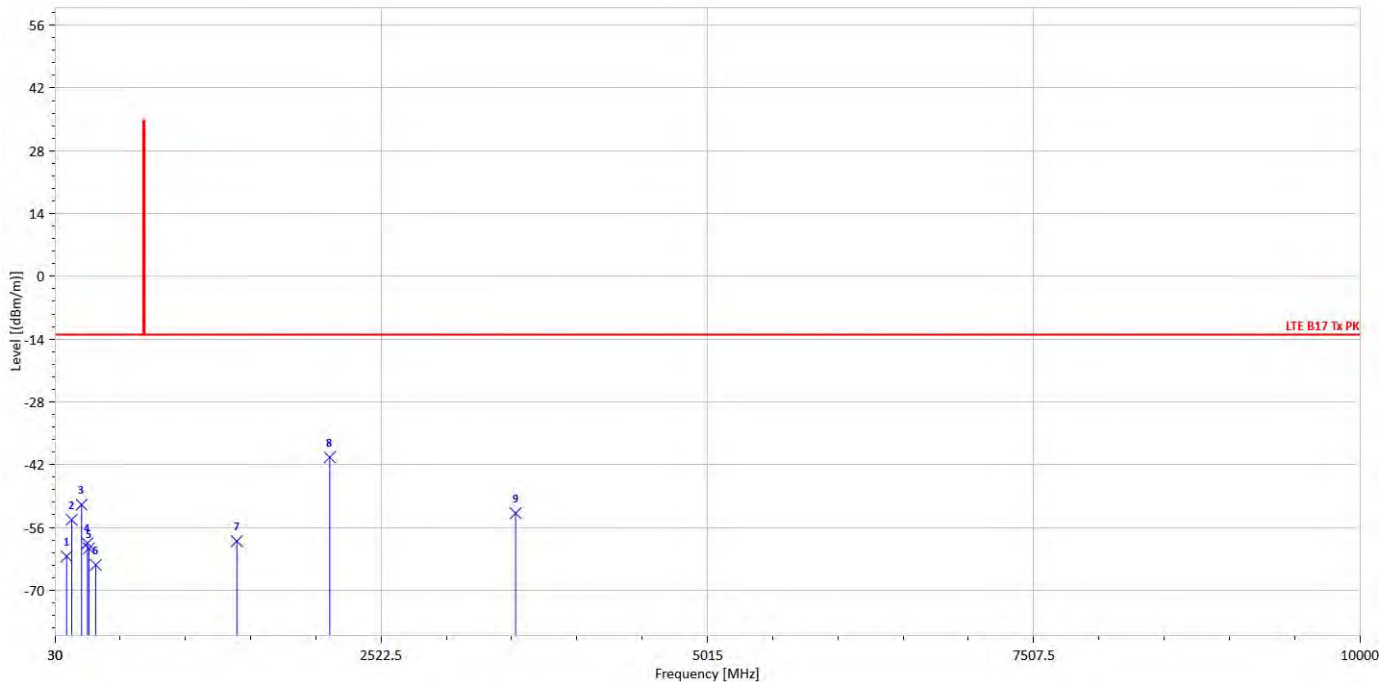
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Operation Mode :	LTEB17 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	710 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
120.21	S	-62.45	-57.69	-3.24	-1.51	-13	-49.45
158.04	S	-54.27	-53.65	1.13	-1.76	-13	-41.27
233.70	S	-50.92	-52.19	3.43	-2.16	-13	-37.92
278.32	S	-59.51	-60.40	3.26	-2.37	-13	-46.51
289.96	S	-60.66	-61.65	3.41	-2.42	-13	-47.66
342.34	S	-64.35	-65.15	3.45	-2.65	-13	-51.35
1420.00	H	-59.06	-58.68	5.58	-5.95	-13	-46.06
2130.00	H	-40.35	-41.19	8.19	-7.35	-13	-27.35
3550.00	H	-52.82	-54.21	10.19	-8.81	-13	-39.82

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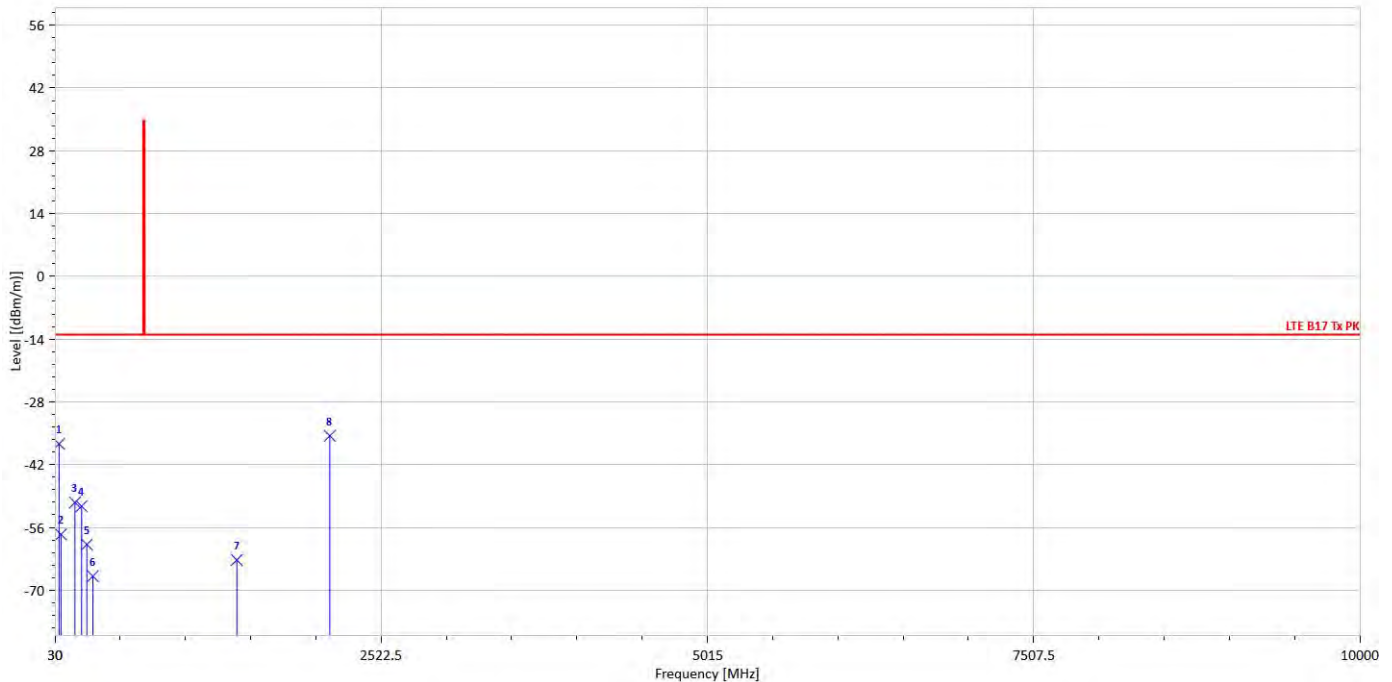
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode : LTEB17 10M 16QAM 1.49 Test Date : 2018/5/2
Fundamental Frequency : 710 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : Tx CH MID Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
62.01	S	-37.37	-33.37	-2.93	-1.07	-13	-24.37
76.56	S	-57.55	-54.58	-1.77	-1.19	-13	-44.55
183.26	S	-50.44	-52.36	3.82	-1.90	-13	-37.44
233.70	S	-51.25	-52.52	3.43	-2.16	-13	-38.25
274.44	S	-59.80	-60.62	3.18	-2.36	-13	-46.80
320.03	S	-66.86	-67.78	3.48	-2.56	-13	-53.86
1420.00	H	-63.26	-62.88	5.57	-5.95	-13	-50.26
2130.00	H	-35.55	-36.39	8.19	-7.35	-13	-22.55

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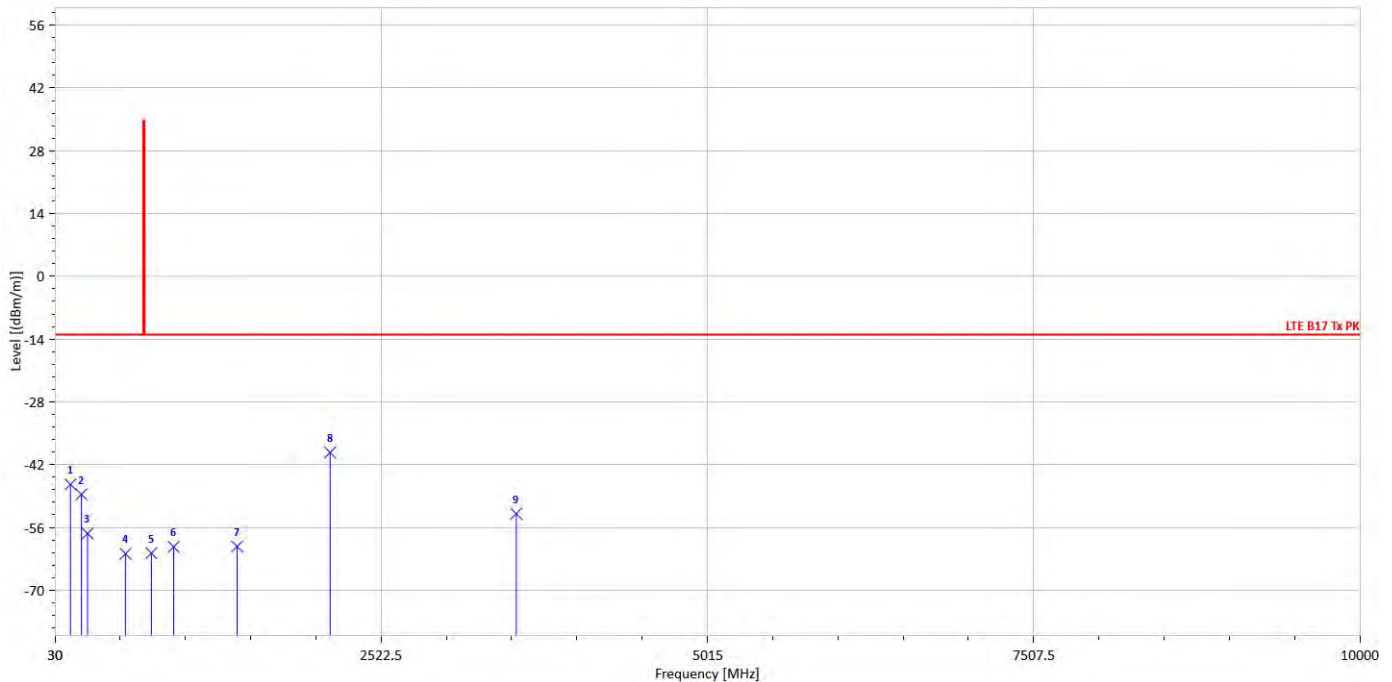
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode :	LTEB17 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	711 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
149.31	S	-46.41	-44.88	0.18	-1.71	-13	-33.41
232.73	S	-48.62	-49.94	3.47	-2.15	-13	-35.62
279.29	S	-57.34	-58.25	3.29	-2.38	-13	-44.34
569.32	S	-61.87	-62.51	4.11	-3.46	-13	-48.87
767.20	S	-61.74	-62.92	5.18	-4.00	-13	-48.74
936.95	S	-60.32	-61.20	5.37	-4.49	-13	-47.32
1422.00	H	-60.23	-59.86	5.58	-5.95	-13	-47.23
2133.00	H	-39.27	-40.11	8.19	-7.35	-13	-26.27
3555.00	H	-52.92	-54.31	10.19	-8.81	-13	-39.92

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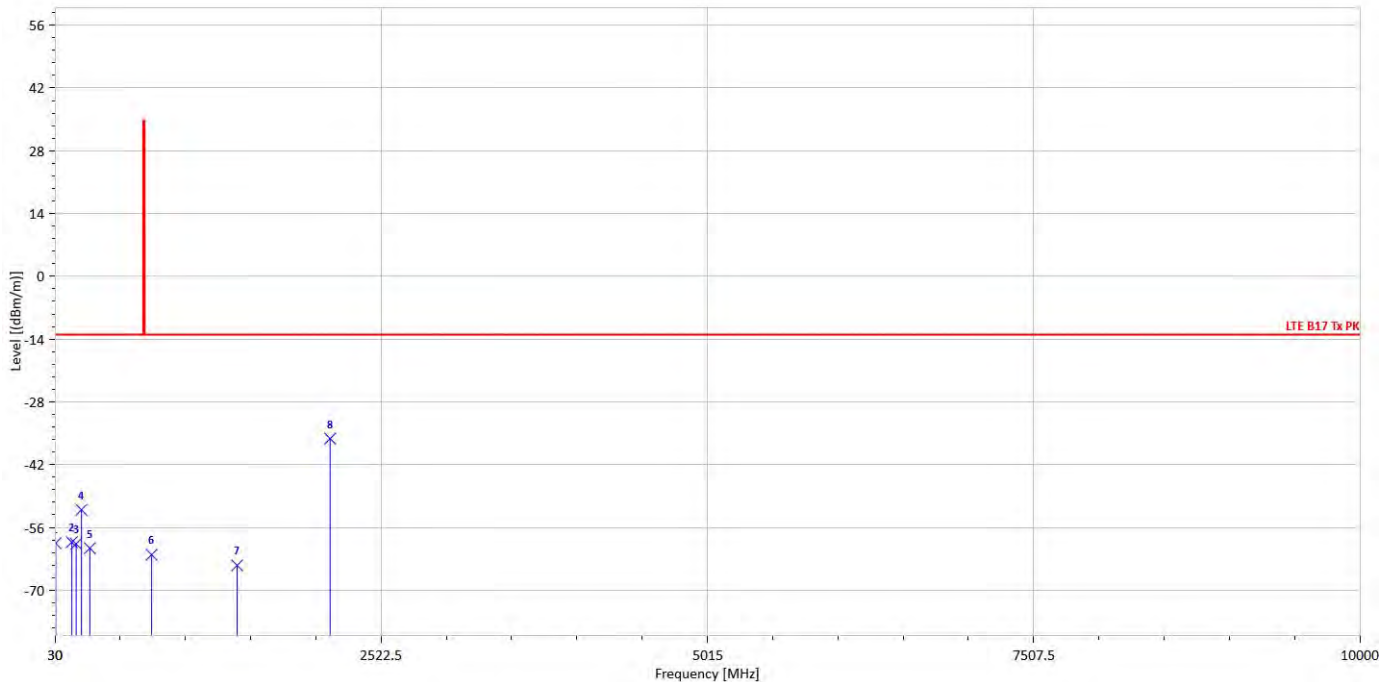
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Operation Mode :	LTEB17 10M 16QAM 1.49	Test Date :	2018/5/2
Fundamental Frequency :	711 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
35.82	S	-59.53	-41.20	-17.49	-0.84	-13	-46.53
159.01	S	-59.29	-58.76	1.24	-1.76	-13	-46.29
191.99	S	-59.65	-61.77	4.07	-1.95	-13	-46.65
232.73	S	-52.08	-53.40	3.47	-2.15	-13	-39.08
296.75	S	-60.62	-61.64	3.47	-2.45	-13	-47.62
769.14	S	-62.08	-63.25	5.18	-4.01	-13	-49.08
1422.00	H	-64.45	-64.08	5.58	-5.95	-13	-51.45
2133.00	H	-36.18	-37.02	8.19	-7.35	-13	-23.18

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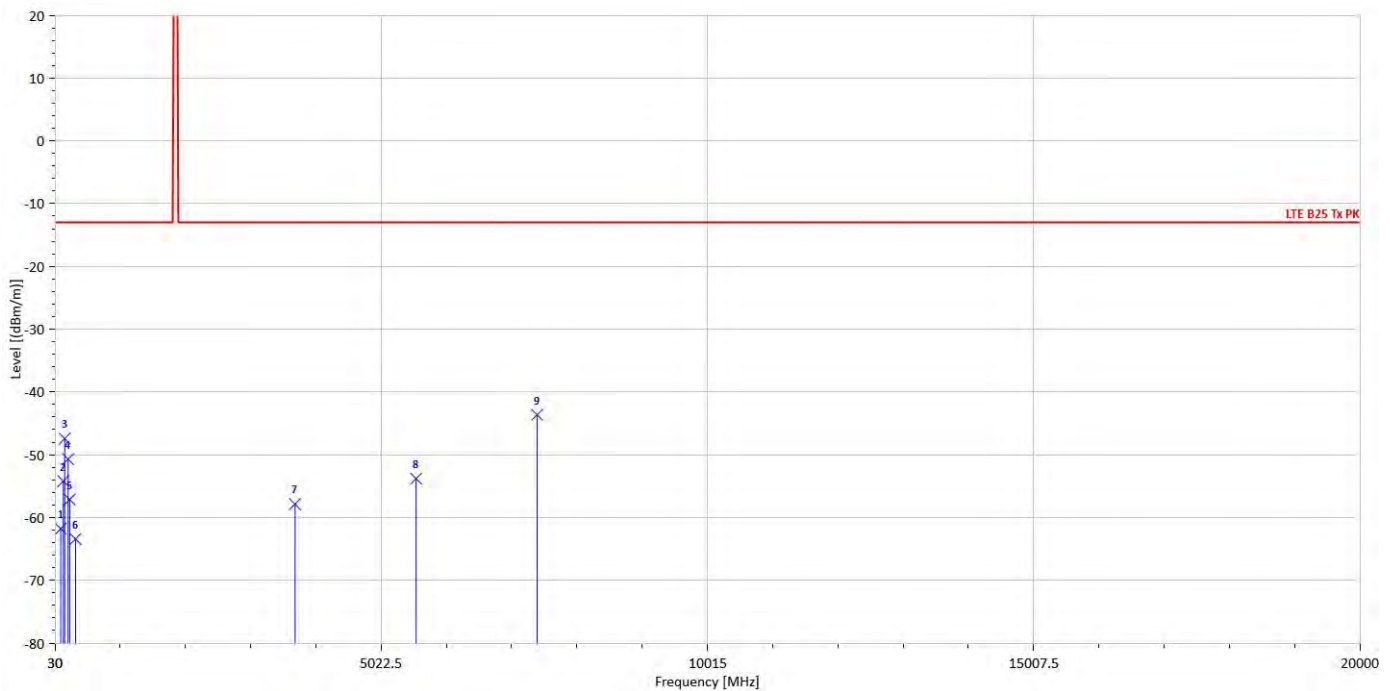
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Radiated Spurious Emission Measurement Result: LTE-Band 25 (The Worst Case)

Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1852.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
120.21	S	-61.79	-59.09	-1.19	-1.51	-13	-48.79
158.04	S	-54.21	-55.44	2.98	-1.76	-13	-41.21
180.35	S	-47.43	-50.98	5.43	-1.88	-13	-34.43
231.76	S	-50.71	-54.53	5.97	-2.15	-13	-37.71
256.01	S	-57.12	-59.62	4.77	-2.28	-13	-44.12
345.25	S	-63.42	-66.74	5.98	-2.66	-13	-50.42
3705.00	H	-57.86	-61.38	12.42	-8.90	-13	-44.86
5557.50	H	-53.81	-56.48	13.01	-10.34	-13	-40.81
7410.00	H	-43.63	-43.55	11.43	-11.51	-13	-30.63

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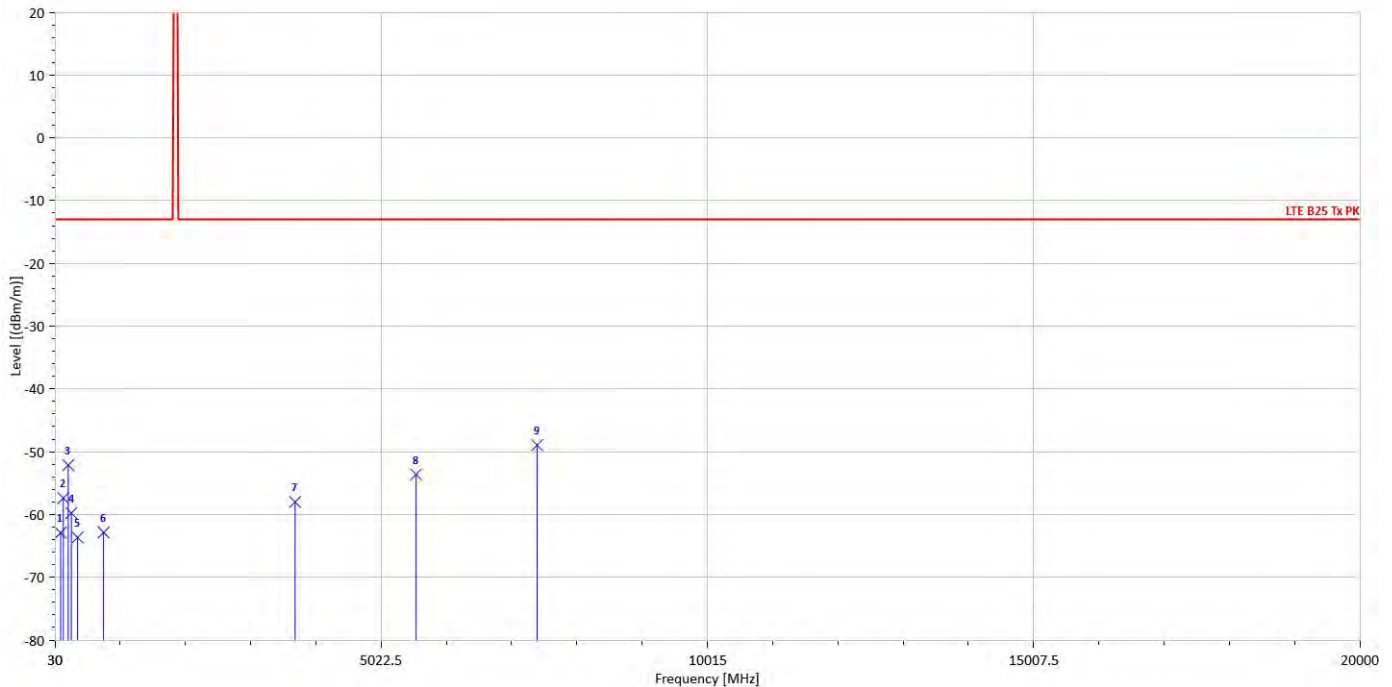
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Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1852.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
118.27	S	-62.90	-60.12	-1.29	-1.50	-13	-49.90
158.04	S	-57.39	-58.62	2.98	-1.76	-13	-44.39
233.70	S	-52.13	-55.86	5.89	-2.16	-13	-39.13
281.23	S	-59.77	-63.05	5.67	-2.38	-13	-46.77
377.26	S	-63.64	-66.72	5.86	-2.78	-13	-50.64
774.96	S	-62.86	-66.57	7.74	-4.03	-13	-49.86
3705.00	H	-58.00	-61.52	12.42	-8.90	-13	-45.00
5557.50	H	-53.60	-56.28	13.01	-10.34	-13	-40.60
7410.00	H	-48.93	-48.85	11.43	-11.51	-13	-35.93

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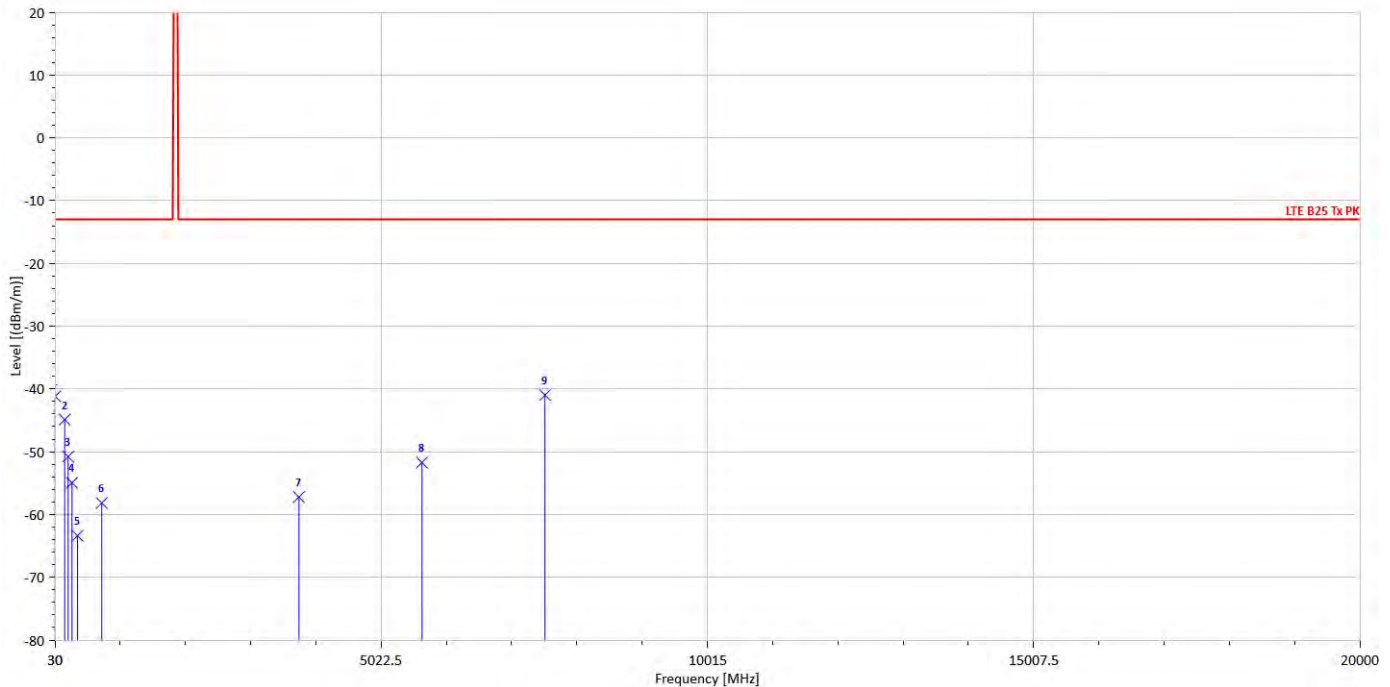
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Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1882.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
33.88	S	-41.18	-23.13	-17.21	-0.84	-13	-28.18
180.35	S	-44.88	-48.43	5.43	-1.88	-13	-31.88
232.73	S	-50.79	-54.56	5.93	-2.15	-13	-37.79
289.96	S	-54.95	-58.29	5.76	-2.42	-13	-41.95
375.32	S	-63.38	-66.48	5.87	-2.77	-13	-50.38
746.83	S	-58.17	-61.95	7.71	-3.93	-13	-45.17
3765.00	H	-57.22	-60.73	12.46	-8.95	-13	-44.22
5647.50	H	-51.72	-54.34	13.03	-10.41	-13	-38.72
7530.00	H	-40.97	-40.70	11.30	-11.57	-13	-27.97

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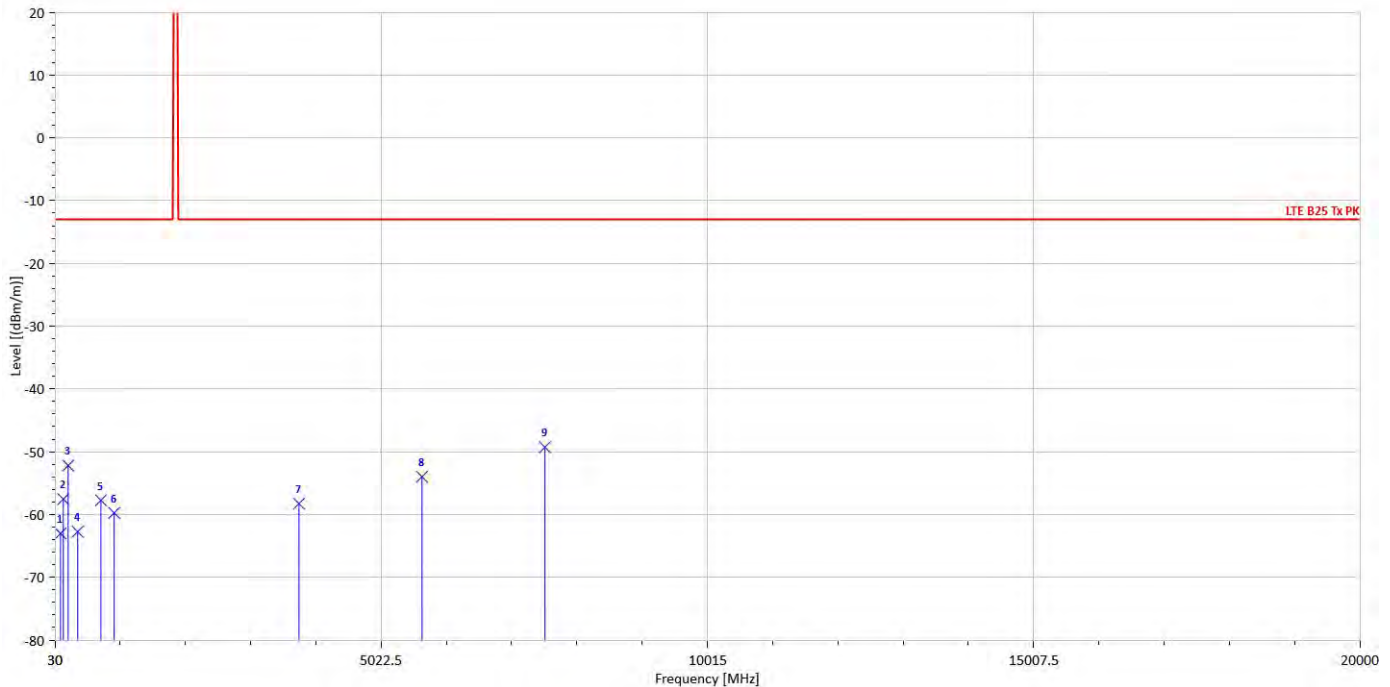
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Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1882.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
116.33	S	-63.02	-60.16	-1.37	-1.49	-13	-50.02
158.04	S	-57.54	-58.77	2.98	-1.76	-13	-44.54
232.73	S	-52.20	-55.97	5.93	-2.15	-13	-39.20
378.23	S	-62.73	-65.81	5.86	-2.78	-13	-49.73
734.22	S	-57.73	-61.54	7.71	-3.90	-13	-44.73
936.95	S	-59.75	-63.20	7.95	-4.49	-13	-46.75
3765.00	H	-58.27	-61.78	12.46	-8.95	-13	-45.27
5647.50	H	-53.98	-56.60	13.03	-10.41	-13	-40.98
7530.00	H	-49.28	-49.01	11.30	-11.57	-13	-36.28

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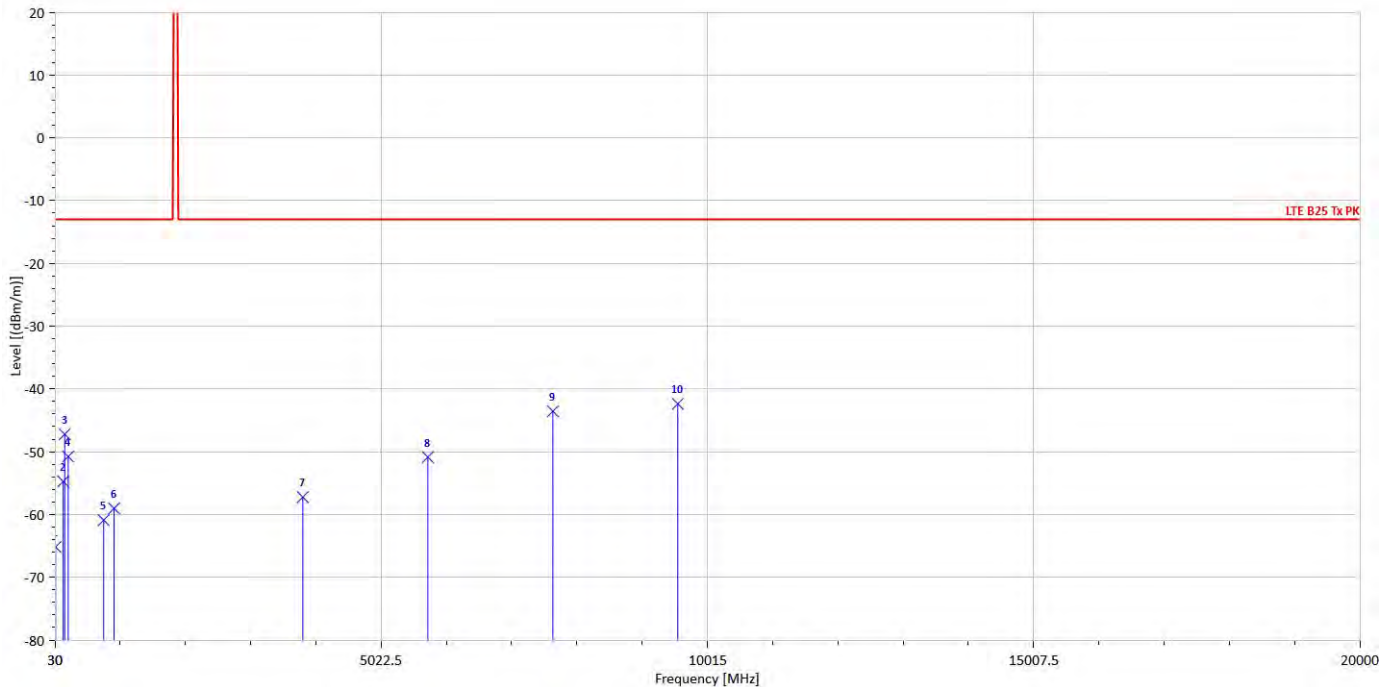
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Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1912.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-65.17	-52.86	-11.45	-0.87	-13	-52.17
157.07	S	-54.74	-55.87	2.88	-1.75	-13	-41.74
180.35	S	-47.20	-50.75	5.43	-1.88	-13	-34.20
233.70	S	-50.76	-54.49	5.89	-2.16	-13	-37.76
775.93	S	-60.89	-64.60	7.74	-4.03	-13	-47.89
935.01	S	-59.02	-62.48	7.94	-4.49	-13	-46.02
3825.00	H	-57.23	-60.73	12.50	-8.99	-13	-44.23
5737.50	H	-50.85	-53.42	13.05	-10.48	-13	-37.85
7650.00	H	-43.55	-43.23	11.30	-11.62	-13	-30.55
9562.50	H	-42.37	-41.19	11.31	-12.49	-13	-29.37

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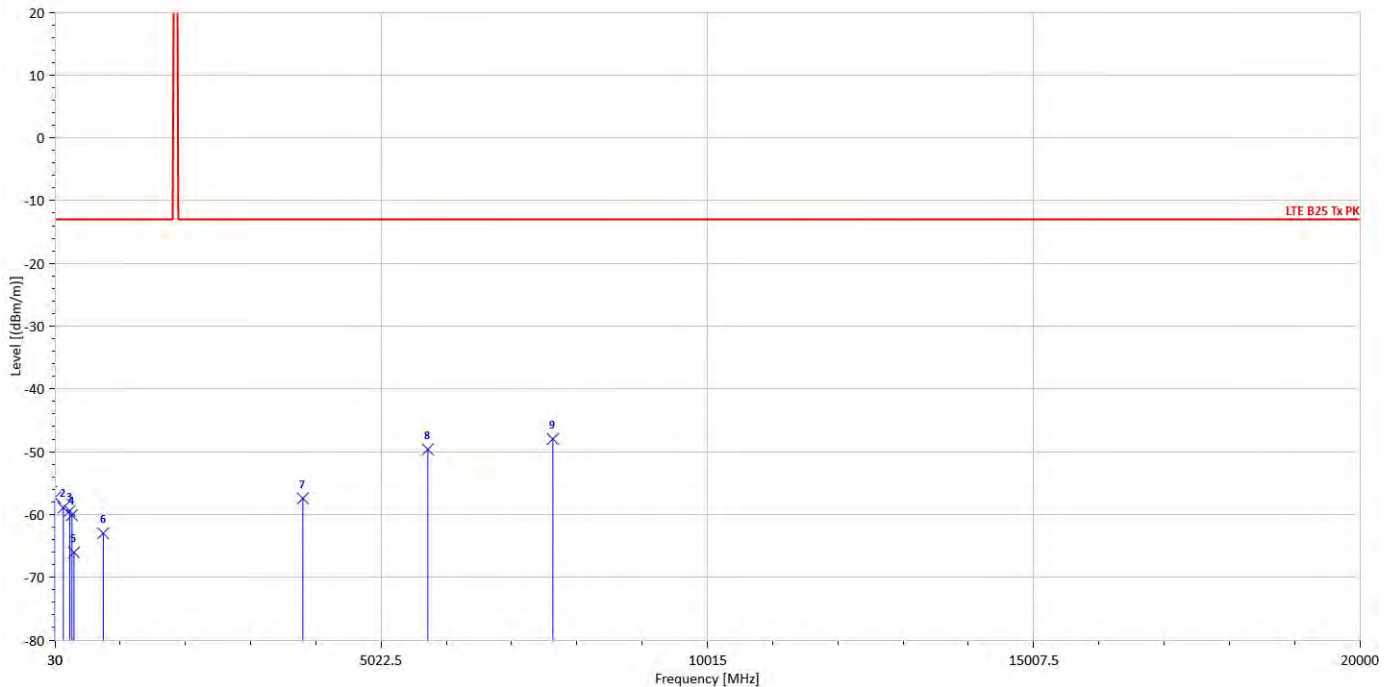
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Operation Mode :	LTEB25 5M QPSK 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1912.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-57.30	-37.69	-18.78	-0.83	-13	-44.30
158.04	S	-58.89	-60.12	2.98	-1.76	-13	-45.89
257.95	S	-59.40	-61.76	4.64	-2.29	-13	-46.40
289.96	S	-60.10	-63.44	5.76	-2.42	-13	-47.10
321.97	S	-66.04	-69.38	5.91	-2.57	-13	-53.04
770.11	S	-63.00	-66.72	7.74	-4.01	-13	-50.00
3825.00	H	-57.42	-60.93	12.50	-8.99	-13	-44.42
5737.50	H	-49.63	-52.19	13.05	-10.48	-13	-36.63
7650.00	H	-47.97	-47.65	11.30	-11.62	-13	-34.97

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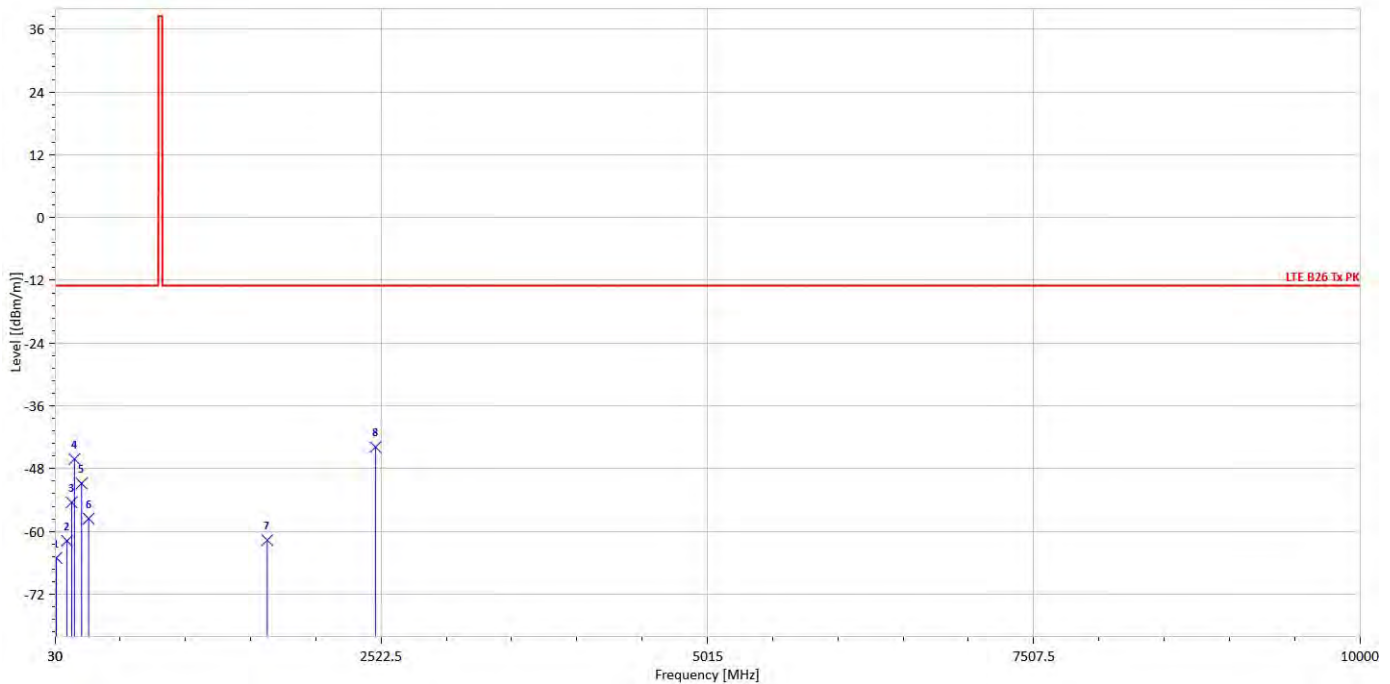
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Radiated Spurious Emission Measurement Result: LTE-Band 26 (The Worst Case)

Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	826.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-65.04	-50.59	-13.59	-0.87	-13	-52.04
122.15	S	-61.79	-57.18	-3.09	-1.53	-13	-48.79
158.04	S	-54.42	-53.80	1.13	-1.76	-13	-41.42
179.38	S	-46.15	-47.87	3.60	-1.88	-13	-33.15
233.70	S	-50.83	-52.10	3.43	-2.16	-13	-37.83
288.02	S	-57.54	-58.51	3.39	-2.41	-13	-44.54
1653.00	H	-61.67	-61.81	6.59	-6.46	-13	-48.67
2479.50	H	-43.87	-44.59	8.53	-7.81	-13	-30.87

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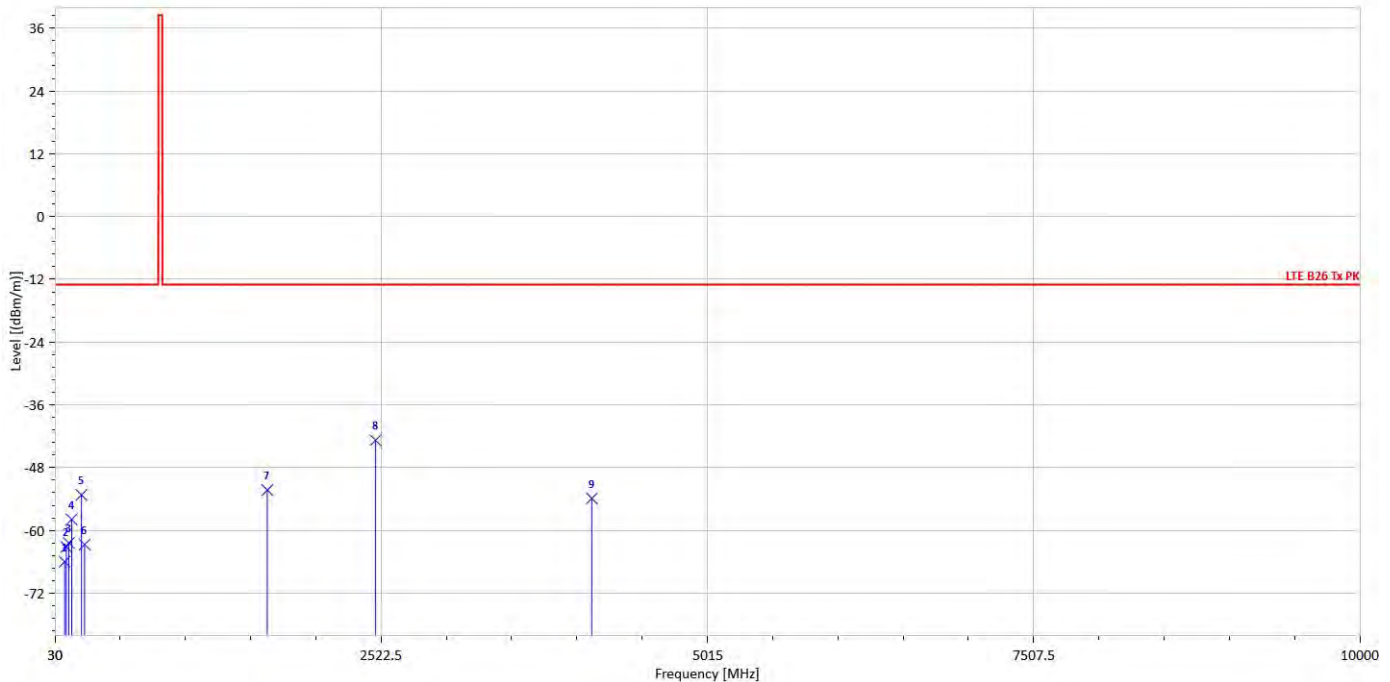
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Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	826.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
104.69	S	-65.96	-61.08	-3.47	-1.41	-13	-52.96
117.30	S	-63.14	-58.30	-3.35	-1.49	-13	-50.14
136.70	S	-62.39	-59.13	-1.63	-1.63	-13	-49.39
158.04	S	-57.91	-57.28	1.13	-1.76	-13	-44.91
232.73	S	-53.21	-54.53	3.47	-2.15	-13	-40.21
256.98	S	-62.69	-62.69	2.29	-2.28	-13	-49.69
1653.00	H	-52.29	-52.41	6.57	-6.45	-13	-39.29
2479.50	H	-42.75	-43.48	8.52	-7.79	-13	-29.75
4132.50	H	-53.87	-55.07	10.45	-9.25	-13	-40.87

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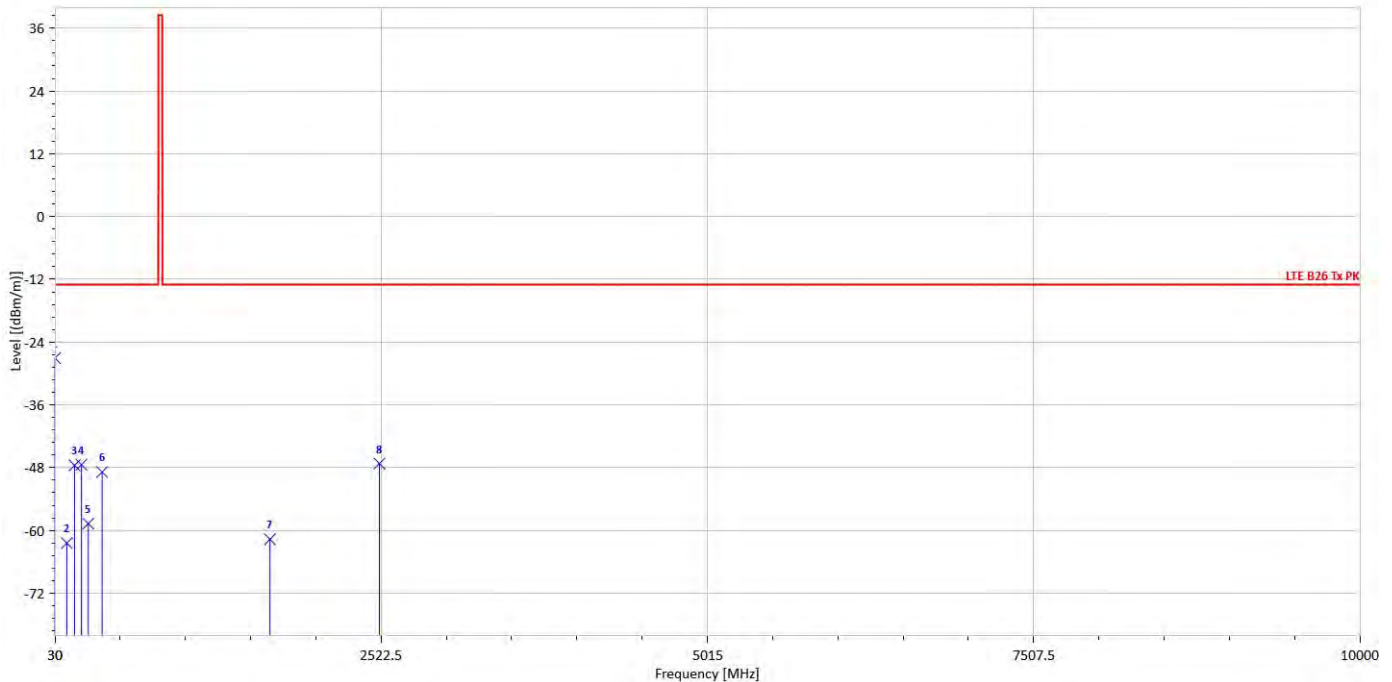
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Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
30.97	S	-27.05	-4.57	-21.66	-0.82	-13	-14.05
121.18	S	-62.39	-57.71	-3.17	-1.52	-13	-49.39
180.35	S	-47.55	-49.36	3.69	-1.88	-13	-34.55
232.73	S	-47.41	-48.73	3.47	-2.15	-13	-34.41
285.11	S	-58.70	-59.65	3.36	-2.40	-13	-45.70
390.84	S	-48.84	-49.25	3.24	-2.83	-13	-35.84
1673.00	H	-61.69	-61.85	6.65	-6.49	-13	-48.69
2509.50	H	-47.23	-47.96	8.55	-7.83	-13	-34.23

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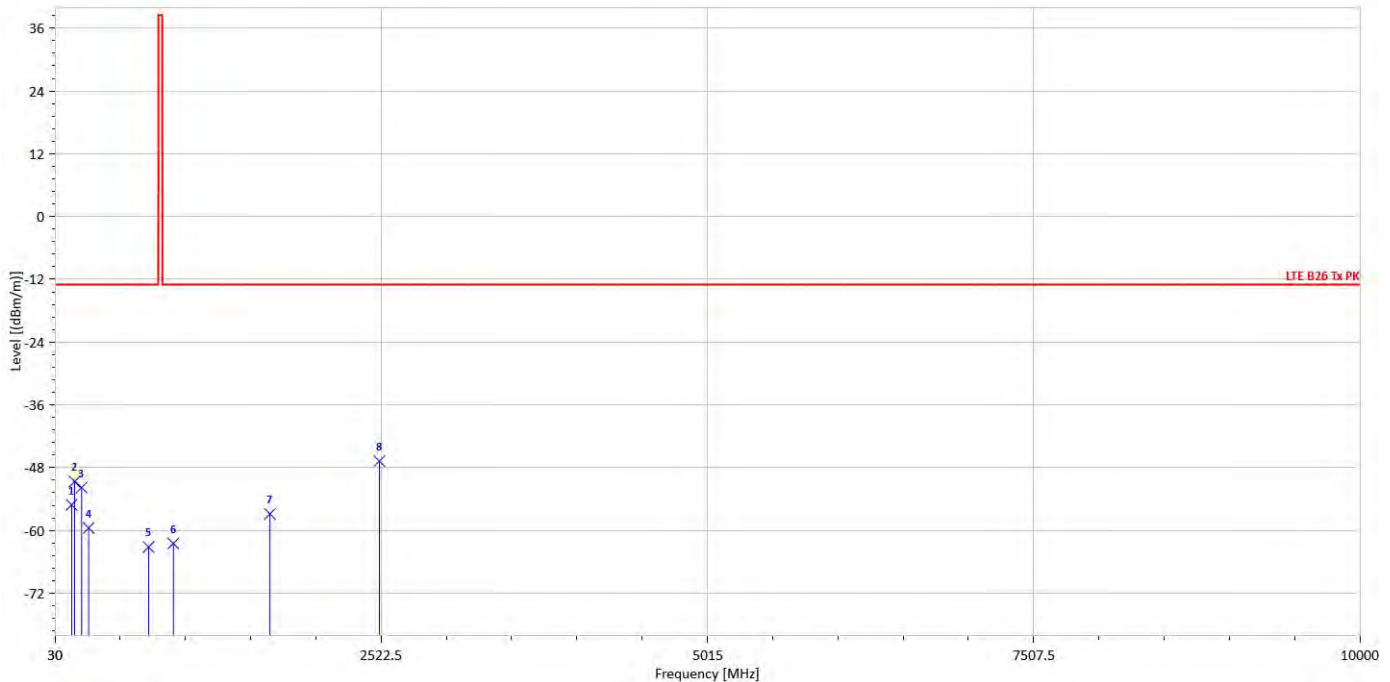
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Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	836.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
158.04	S	-55.10	-54.48	1.13	-1.76	-13	-42.10
180.35	S	-50.67	-52.47	3.69	-1.88	-13	-37.67
233.70	S	-51.80	-53.07	3.43	-2.16	-13	-38.80
288.02	S	-59.52	-60.49	3.39	-2.41	-13	-46.52
745.86	S	-63.17	-64.39	5.15	-3.93	-13	-50.17
935.01	S	-62.49	-63.36	5.36	-4.49	-13	-49.49
1673.00	H	-56.86	-57.01	6.65	-6.49	-13	-43.86
2509.50	H	-46.73	-47.45	8.55	-7.83	-13	-33.73

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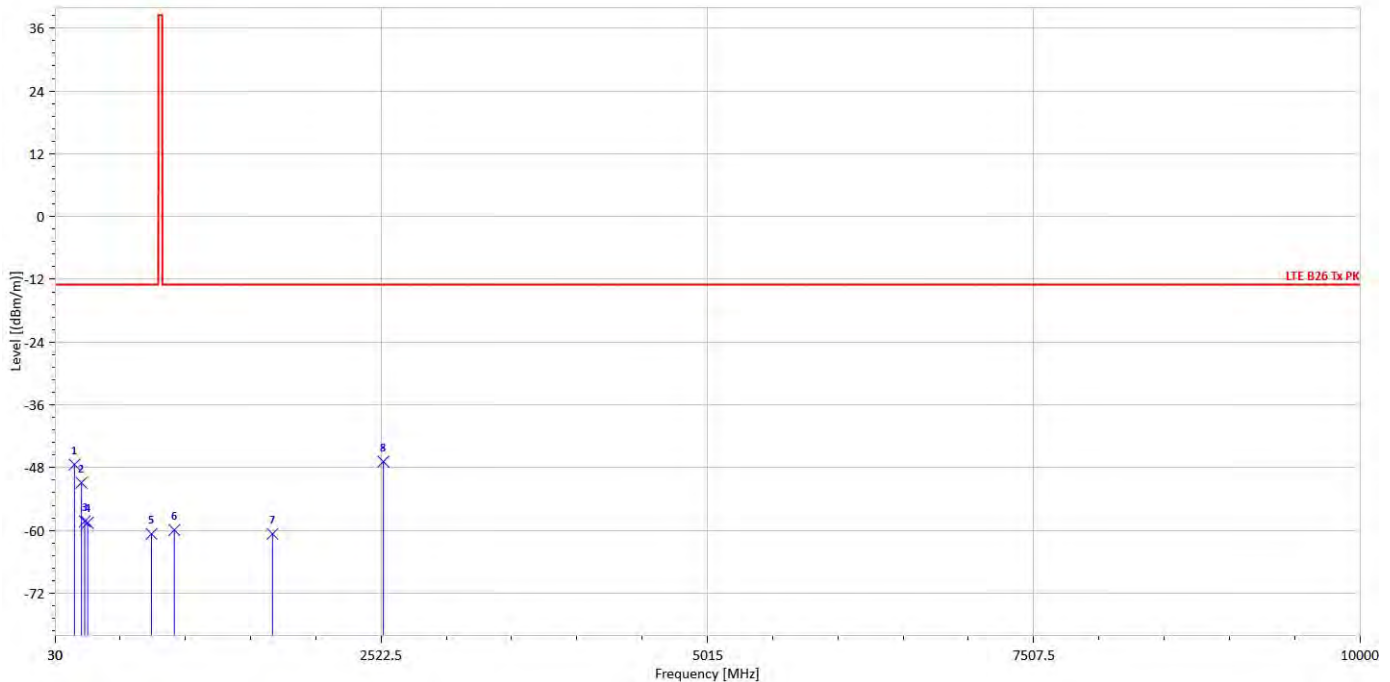
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Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	846.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
179.38	S	-47.41	-49.14	3.60	-1.88	-13	-34.41
232.73	S	-50.88	-52.20	3.47	-2.15	-13	-37.88
257.95	S	-58.25	-58.17	2.22	-2.29	-13	-45.25
280.26	S	-58.52	-59.44	3.30	-2.38	-13	-45.52
768.17	S	-60.67	-61.84	5.18	-4.00	-13	-47.67
942.77	S	-59.91	-60.79	5.39	-4.51	-13	-46.91
1693.00	H	-60.67	-60.86	6.72	-6.53	-13	-47.67
2539.50	H	-46.85	-47.58	8.59	-7.86	-13	-33.85

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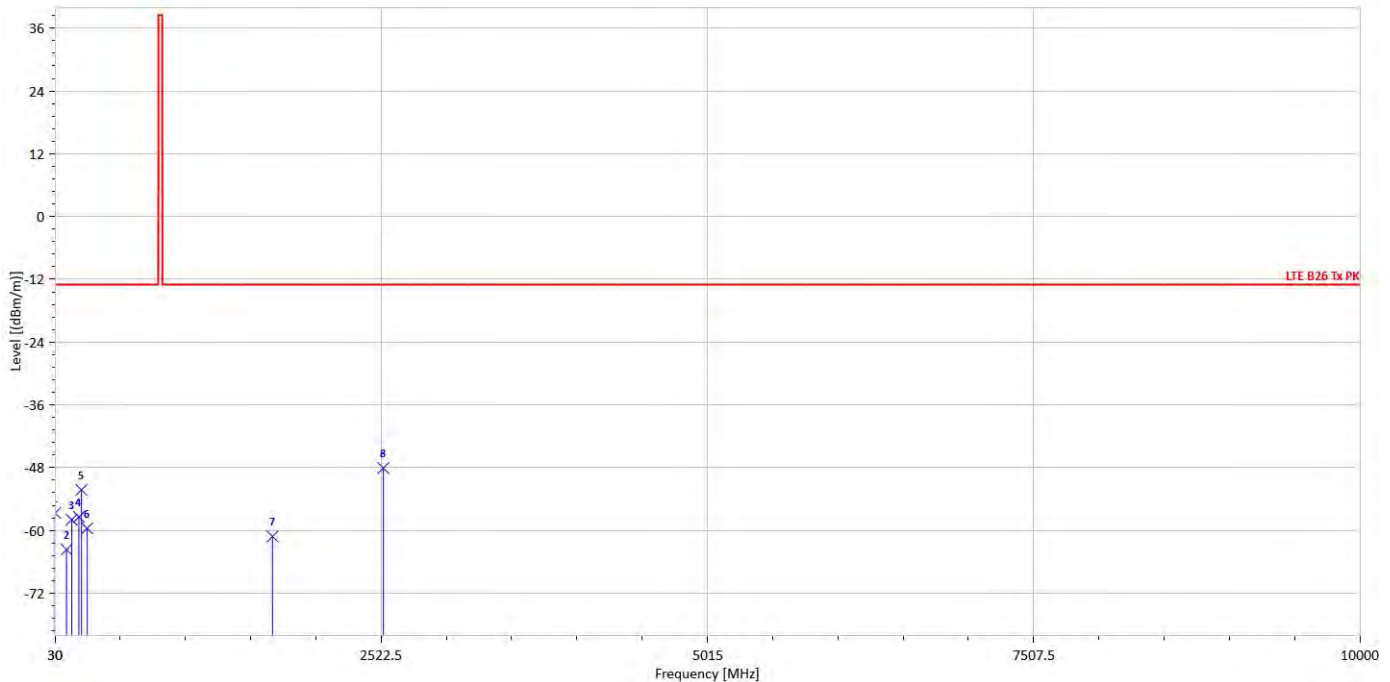
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Operation Mode :	LTEB26 5M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	846.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-56.68	-35.03	-20.82	-0.83	-13	-43.68
119.24	S	-63.67	-58.88	-3.29	-1.51	-13	-50.67
158.04	S	-57.95	-57.32	1.13	-1.76	-13	-44.95
213.33	S	-57.42	-59.37	4.00	-2.06	-13	-44.42
232.73	S	-52.24	-53.56	3.47	-2.15	-13	-39.24
276.38	S	-59.59	-60.45	3.22	-2.37	-13	-46.59
1693.00	H	-61.15	-61.36	6.76	-6.55	-13	-48.15
2539.50	H	-48.07	-48.80	8.60	-7.87	-13	-35.07

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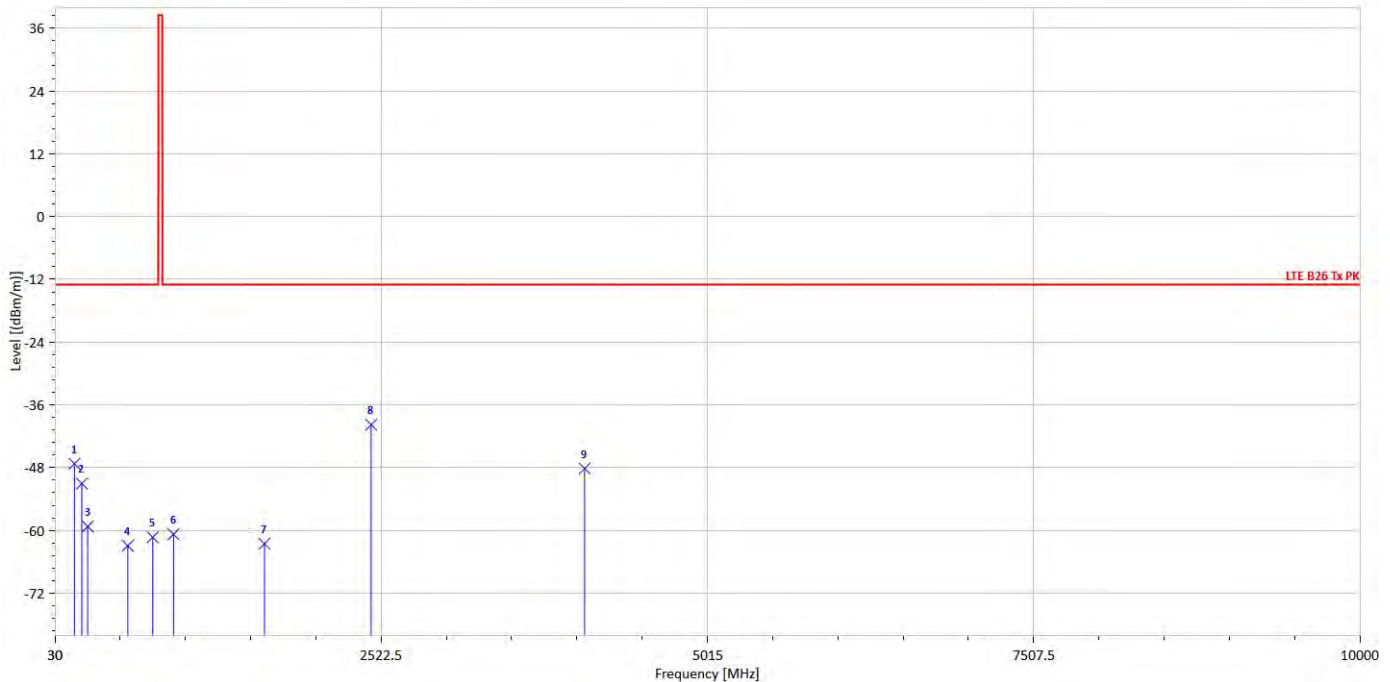
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Radiated Spurious Emission Measurement Result: LTE-Band 26 for Part 90S (The Worst Case)

Operation Mode :	LTEB26 3M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	815.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Low	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
179.38	S	-47.23	-48.96	3.60	-1.88	-13	-34.23
235.64	S	-51.04	-52.22	3.35	-2.17	-13	-38.04
280.26	S	-59.23	-60.16	3.30	-2.38	-13	-46.23
586.78	S	-62.92	-63.63	4.23	-3.52	-13	-49.92
776.90	S	-61.30	-62.45	5.19	-4.04	-13	-48.30
935.98	S	-60.74	-61.61	5.36	-4.49	-13	-47.74
1631.00	H	-62.54	-62.60	6.46	-6.39	-13	-49.54
2446.50	H	-39.81	-40.54	8.49	-7.76	-13	-26.81
4077.50	H	-48.16	-49.41	10.45	-9.20	-13	-35.16

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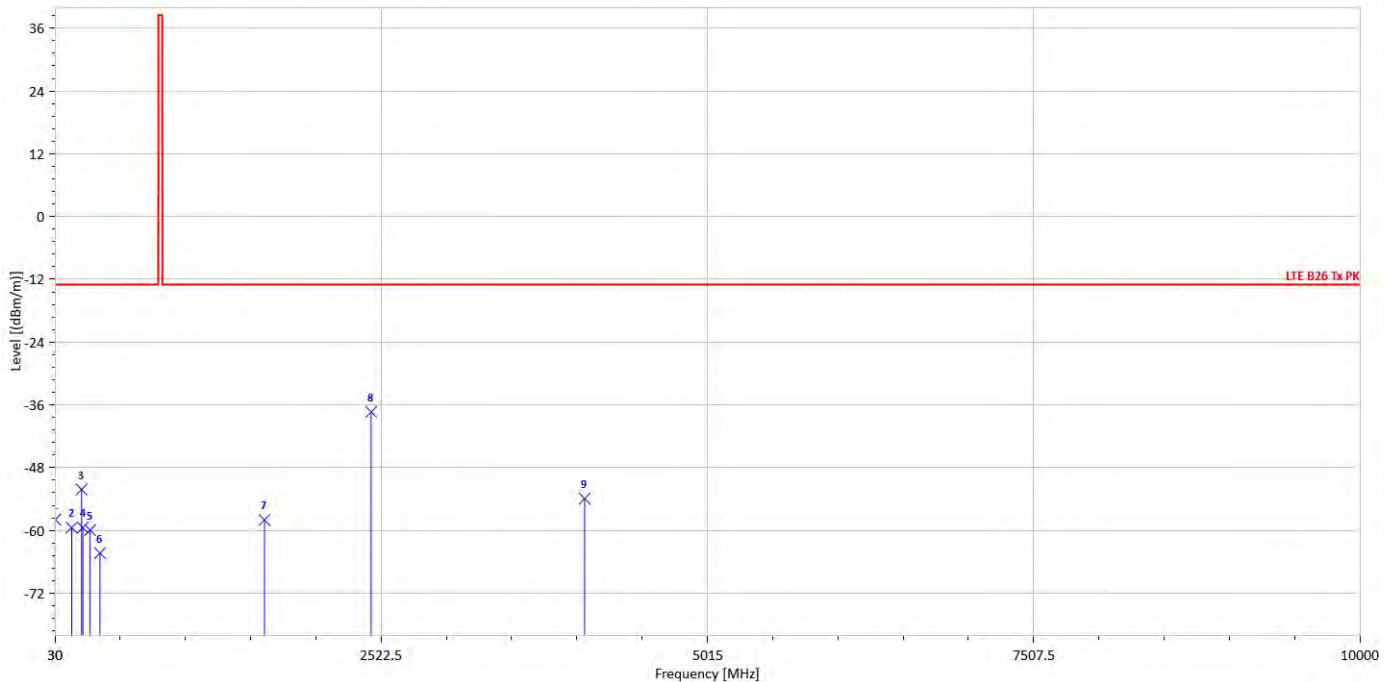
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Operation Mode : LTEB26 3M 16QAM 1.0 Test Date : 2018/5/2
Fundamental Frequency : 815.5 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : Tx CH Low Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
32.91	S	-57.92	-37.11	-19.97	-0.83	-13	-44.92
158.04	S	-59.46	-58.83	1.13	-1.76	-13	-46.46
233.70	S	-52.17	-53.45	3.43	-2.16	-13	-39.17
243.40	S	-59.45	-60.29	3.04	-2.21	-13	-46.45
298.69	S	-59.92	-60.96	3.49	-2.45	-13	-46.92
374.35	S	-64.33	-64.89	3.32	-2.77	-13	-51.33
1631.00	H	-58.00	-58.06	6.46	-6.39	-13	-45.00
2446.50	H	-37.34	-38.08	8.49	-7.76	-13	-24.34
4077.50	H	-53.90	-55.15	10.45	-9.20	-13	-40.90

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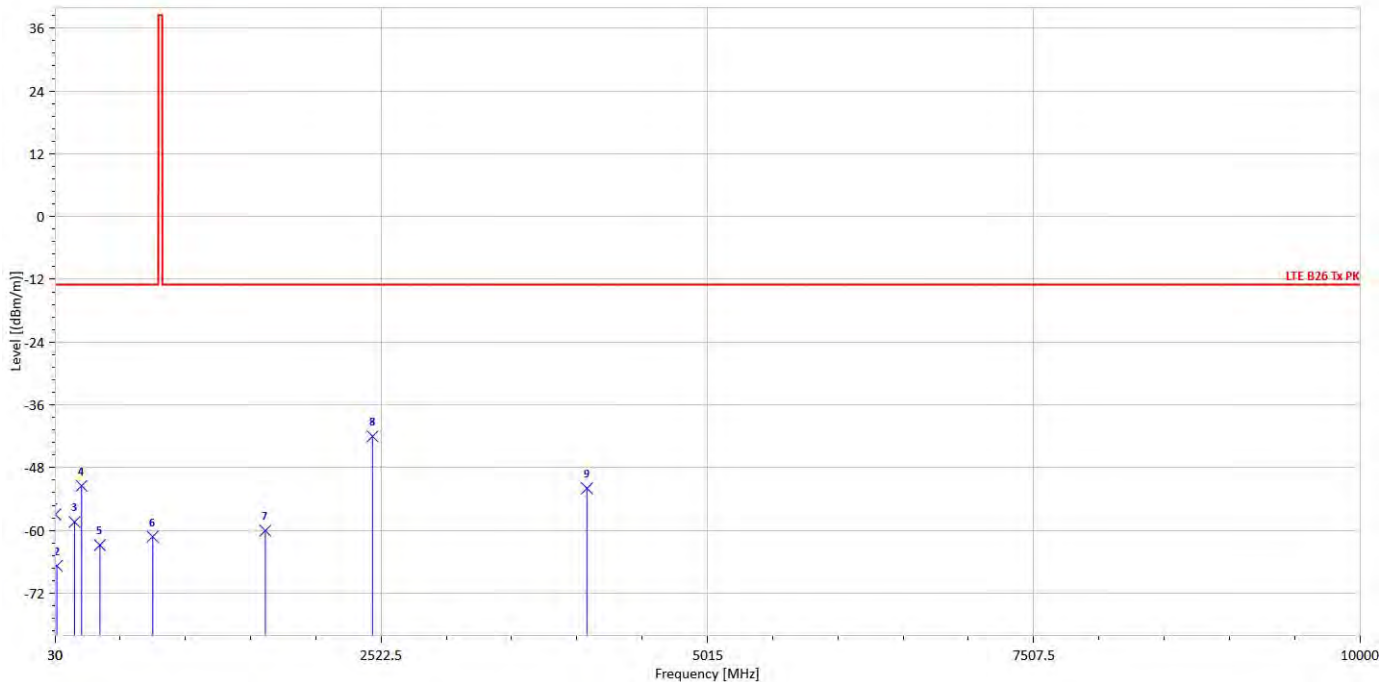
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Operation Mode :	LTEB26 3M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	819 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
32.91	S	-56.95	-36.14	-19.97	-0.83	-13	-43.95
45.52	S	-66.75	-55.89	-9.96	-0.91	-13	-53.75
180.35	S	-58.38	-60.18	3.69	-1.88	-13	-45.38
233.70	S	-51.46	-52.74	3.43	-2.16	-13	-38.46
374.35	S	-62.79	-63.35	3.32	-2.77	-13	-49.79
776.90	S	-61.19	-62.34	5.19	-4.04	-13	-48.19
1638.00	H	-60.02	-60.10	6.50	-6.41	-13	-47.02
2457.00	H	-42.02	-42.75	8.50	-7.77	-13	-29.02
4095.00	H	-51.94	-53.18	10.45	-9.22	-13	-38.94

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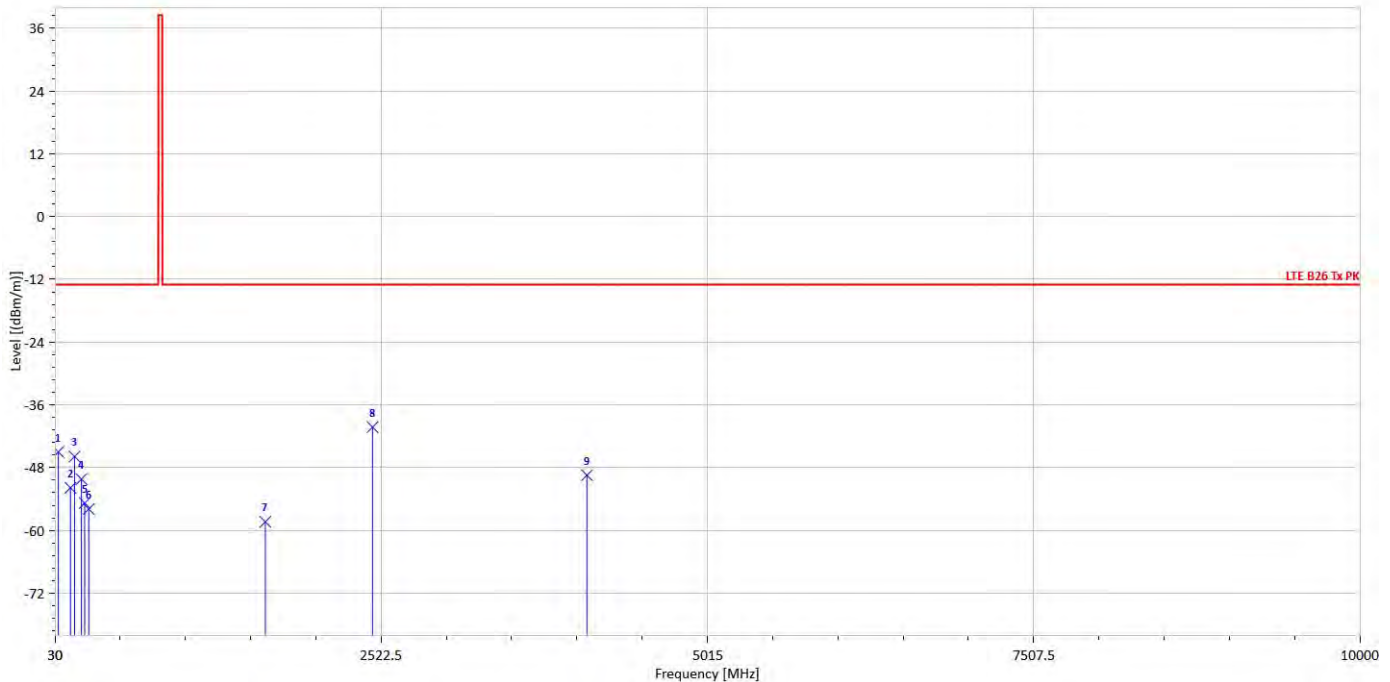
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Operation Mode :	LTEB26 3M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	819 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH Mid	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
56.19	S	-45.00	-39.29	-4.70	-1.01	-13	-32.00
149.31	S	-51.85	-50.32	0.18	-1.71	-13	-38.85
180.35	S	-45.86	-47.67	3.69	-1.88	-13	-32.86
232.73	S	-50.20	-51.52	3.47	-2.15	-13	-37.20
257.95	S	-54.76	-54.68	2.22	-2.29	-13	-41.76
288.99	S	-55.90	-56.88	3.40	-2.42	-13	-42.90
1638.00	H	-58.34	-58.43	6.50	-6.41	-13	-45.34
2457.00	H	-40.26	-40.99	8.50	-7.77	-13	-27.26
4095.00	H	-49.45	-50.69	10.45	-9.22	-13	-36.45

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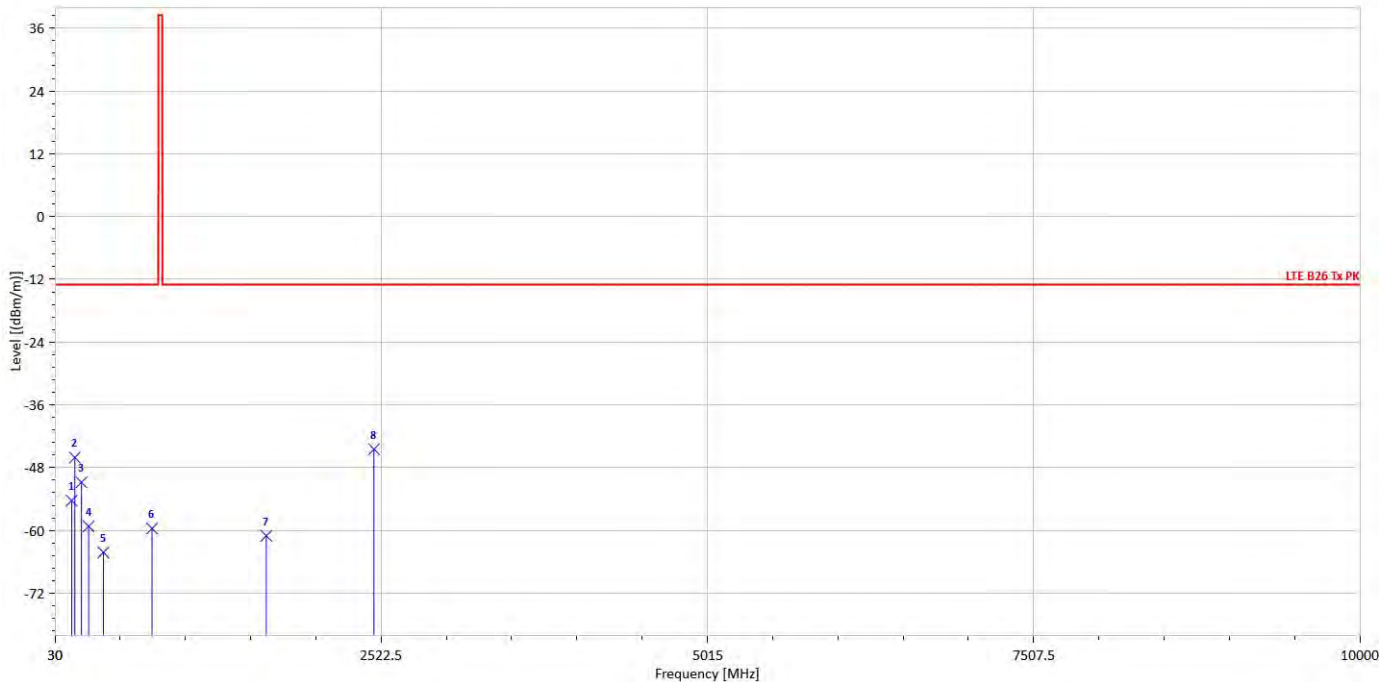
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Operation Mode : LTEB26 3M 16QAM 1.0 Test Date : 2018/5/2
Fundamental Frequency : 822.5 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : Tx CH High Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
158.04	S	-54.29	-53.66	1.13	-1.76	-13	-41.29
182.29	S	-46.06	-47.95	3.78	-1.89	-13	-33.06
232.73	S	-50.79	-52.10	3.47	-2.15	-13	-37.79
288.02	S	-59.22	-60.20	3.39	-2.41	-13	-46.22
400.54	S	-64.19	-64.52	3.20	-2.87	-13	-51.19
772.05	S	-59.63	-60.80	5.19	-4.02	-13	-46.63
1645.00	H	-61.02	-61.12	6.53	-6.43	-13	-48.02
2467.50	H	-44.46	-45.19	8.51	-7.78	-13	-31.46

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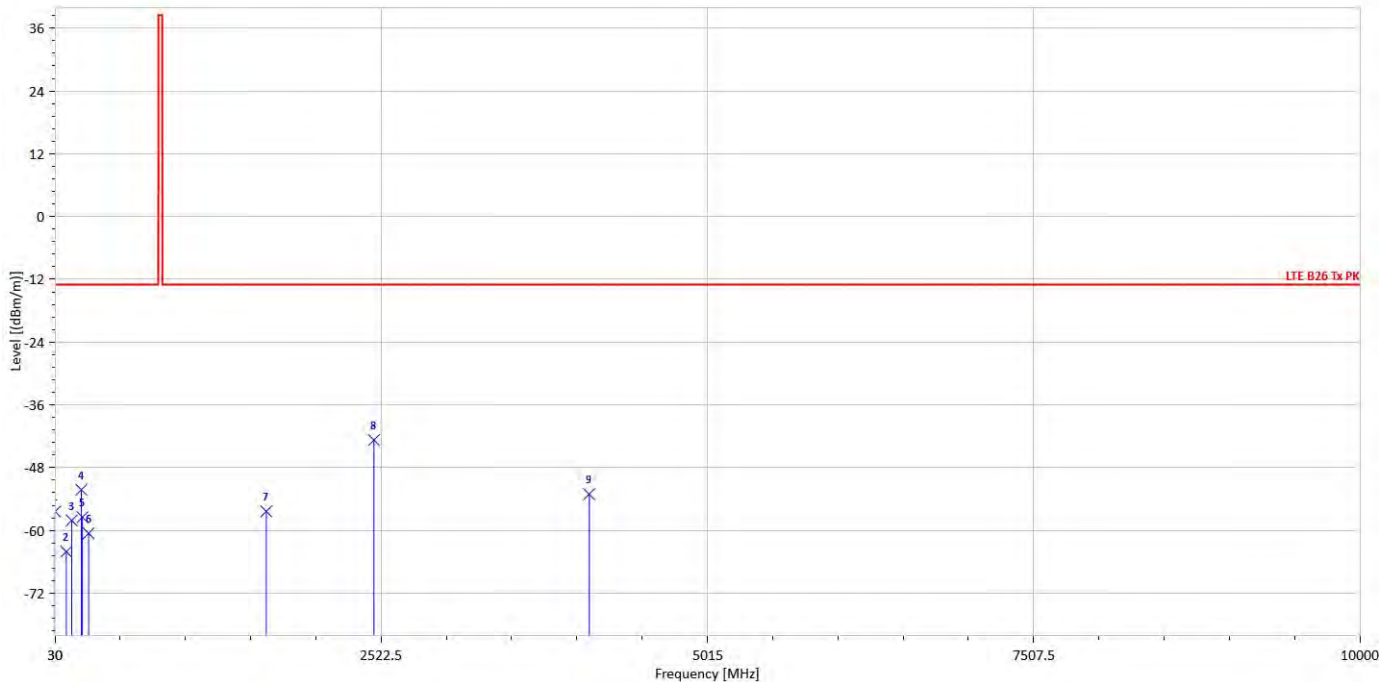
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Operation Mode :	LTEB26 3M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	822.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH High	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-56.38	-34.74	-20.82	-0.83	-13	-43.38
117.30	S	-64.06	-59.21	-3.35	-1.49	-13	-51.06
158.04	S	-58.09	-57.46	1.13	-1.76	-13	-45.09
231.76	S	-52.22	-53.59	3.51	-2.15	-13	-39.22
240.49	S	-57.48	-58.43	3.14	-2.19	-13	-44.48
288.02	S	-60.55	-61.52	3.39	-2.41	-13	-47.55
1645.00	H	-56.35	-56.45	6.53	-6.43	-13	-43.35
2467.50	H	-42.71	-43.44	8.51	-7.78	-13	-29.71
4112.50	H	-53.06	-54.28	10.45	-9.23	-13	-40.06

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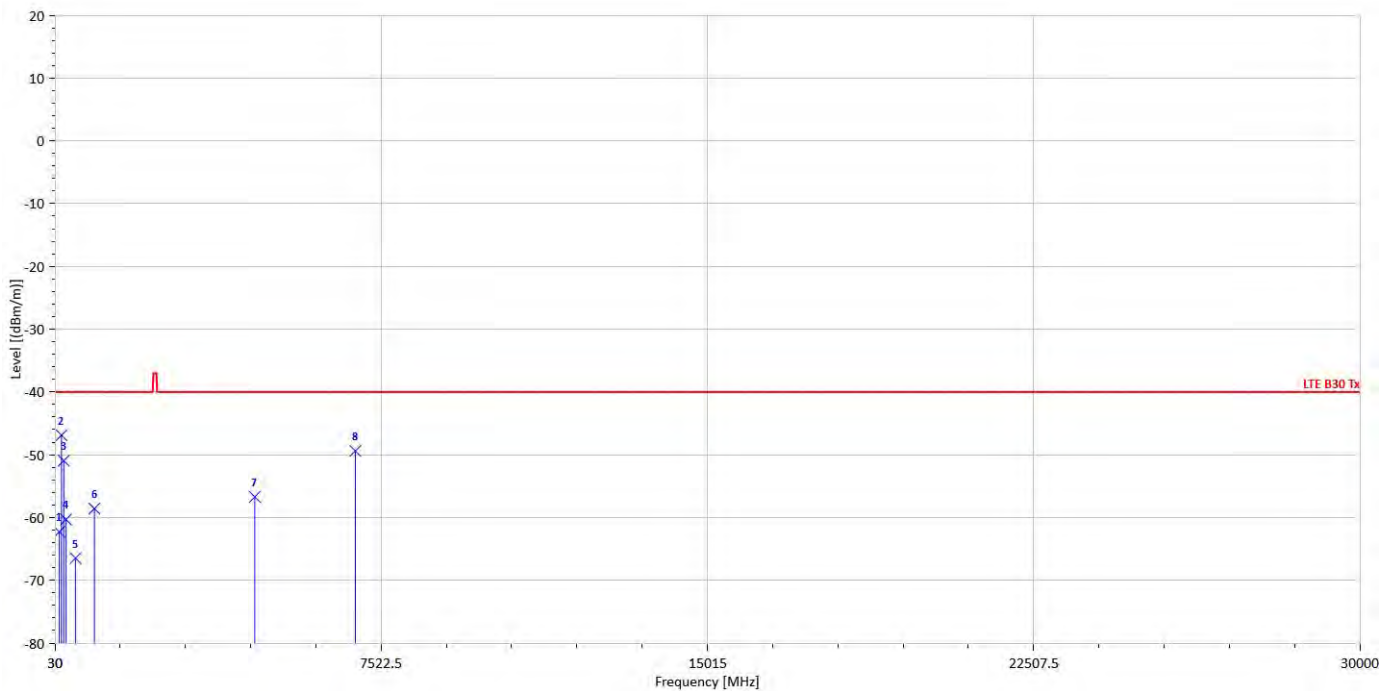
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Radiated Spurious Emission Measurement Result: LTE-Band 30 (The Worst Case)

Operation Mode :	LTEB30 10M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	2310 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
130.88	S	-62.28	-58.34	-2.35	-1.59	-40	-22.28
180.35	S	-46.89	-48.69	3.69	-1.88	-40	-6.89
232.73	S	-50.94	-52.26	3.47	-2.15	-40	-10.94
285.11	S	-60.31	-61.27	3.36	-2.40	-40	-20.31
502.39	S	-66.48	-67.28	4.04	-3.24	-40	-26.48
936.95	S	-58.58	-59.45	5.37	-4.49	-40	-18.58
4620.00	H	-56.72	-59.68	12.58	-9.61	-40	-16.72
6930.00	H	-49.38	-50.21	12.04	-11.22	-40	-9.38

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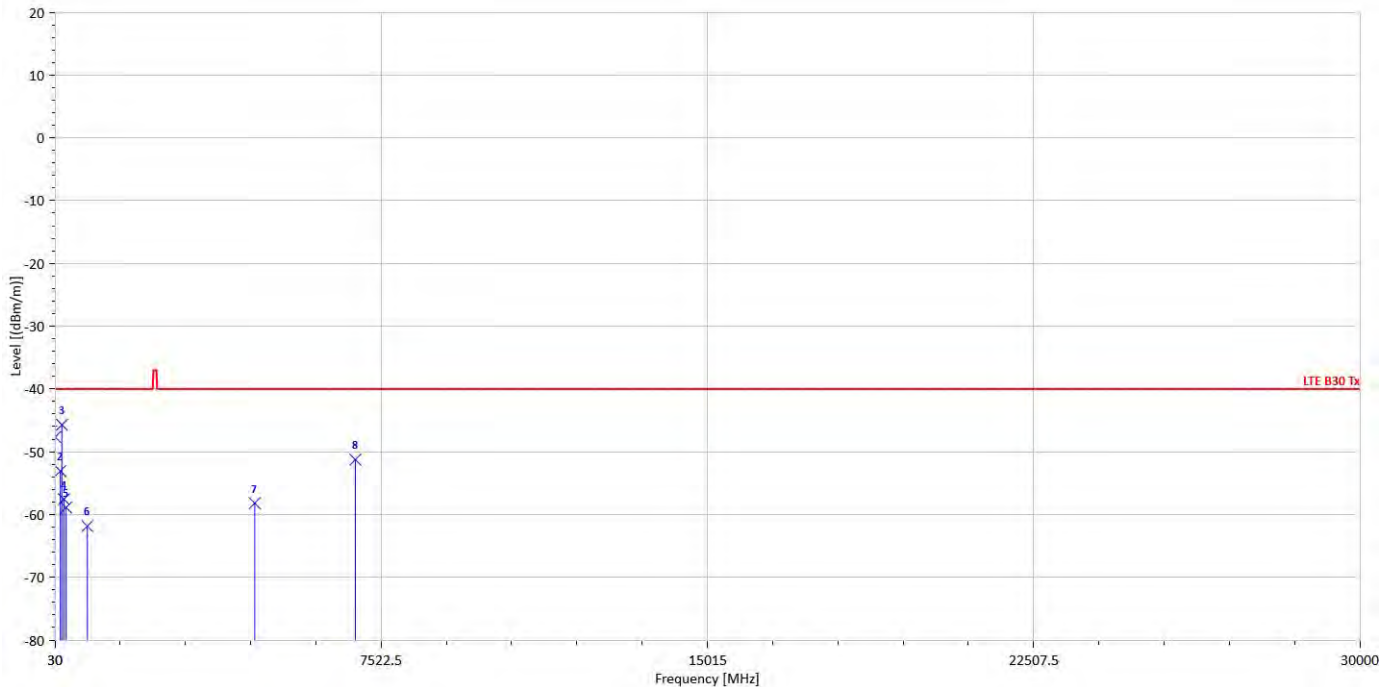
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Operation Mode :	LTEB30 10M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	2310 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
36.79	S	-47.65	-30.10	-16.71	-0.85	-40	-7.65
154.16	S	-53.07	-52.06	0.72	-1.73	-40	-13.07
190.05	S	-45.71	-47.90	4.14	-1.94	-40	-5.71
235.64	S	-57.57	-58.75	3.35	-2.17	-40	-17.57
287.05	S	-58.89	-59.85	3.38	-2.41	-40	-18.89
775.93	S	-61.85	-63.00	5.19	-4.03	-40	-21.85
4620.00	H	-58.19	-61.15	12.58	-9.61	-40	-18.19
6930.00	H	-51.24	-52.07	12.04	-11.22	-40	-11.24

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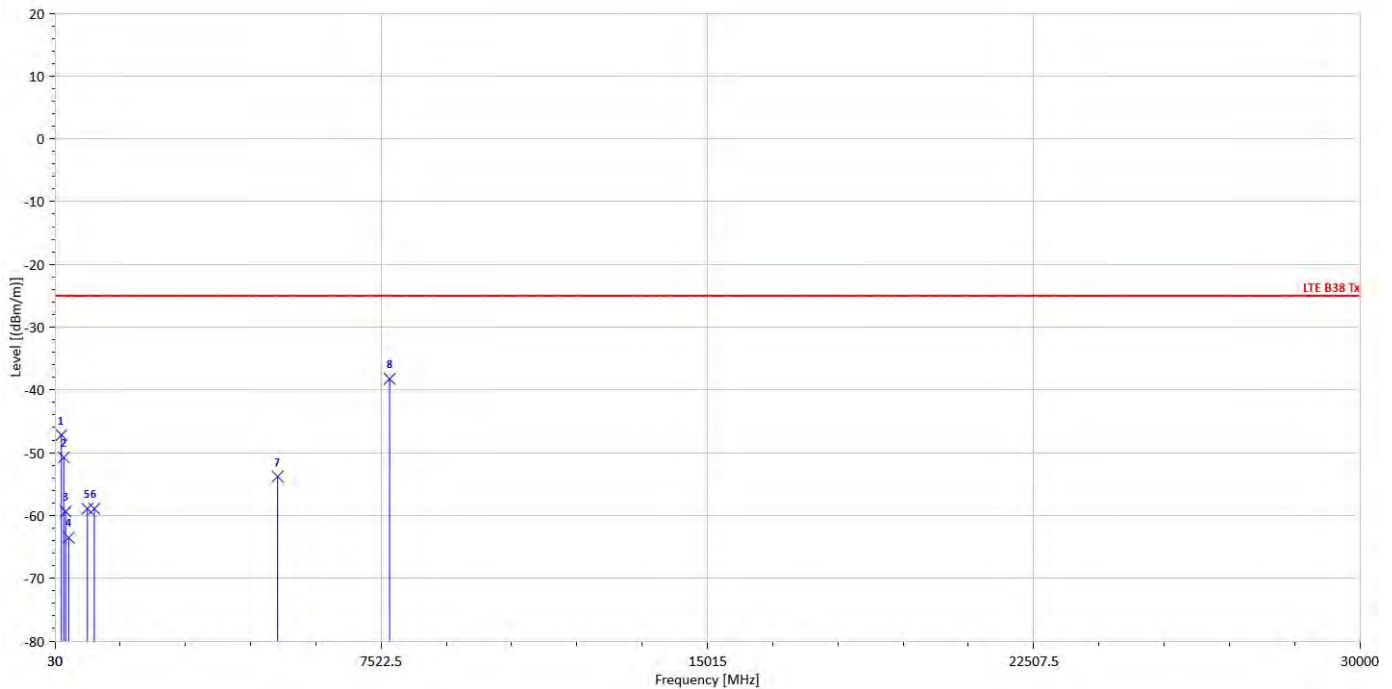
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Radiated Spurious Emission Measurement Result: LTE-Band 38 (The Worst Case)

Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2572.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
179.38	S	-47.18	-50.65	5.35	-1.88	-25	-22.18
233.70	S	-50.75	-54.48	5.89	-2.16	-25	-25.75
277.35	S	-59.36	-62.56	5.57	-2.37	-25	-34.36
347.19	S	-63.53	-66.84	5.98	-2.67	-25	-38.53
775.93	S	-58.90	-62.61	7.74	-4.03	-25	-33.90
935.01	S	-58.92	-62.38	7.94	-4.49	-25	-33.92
5145.00	H	-53.79	-56.41	12.65	-10.03	-25	-28.79
7717.50	H	-38.23	-37.89	11.30	-11.65	-25	-13.23

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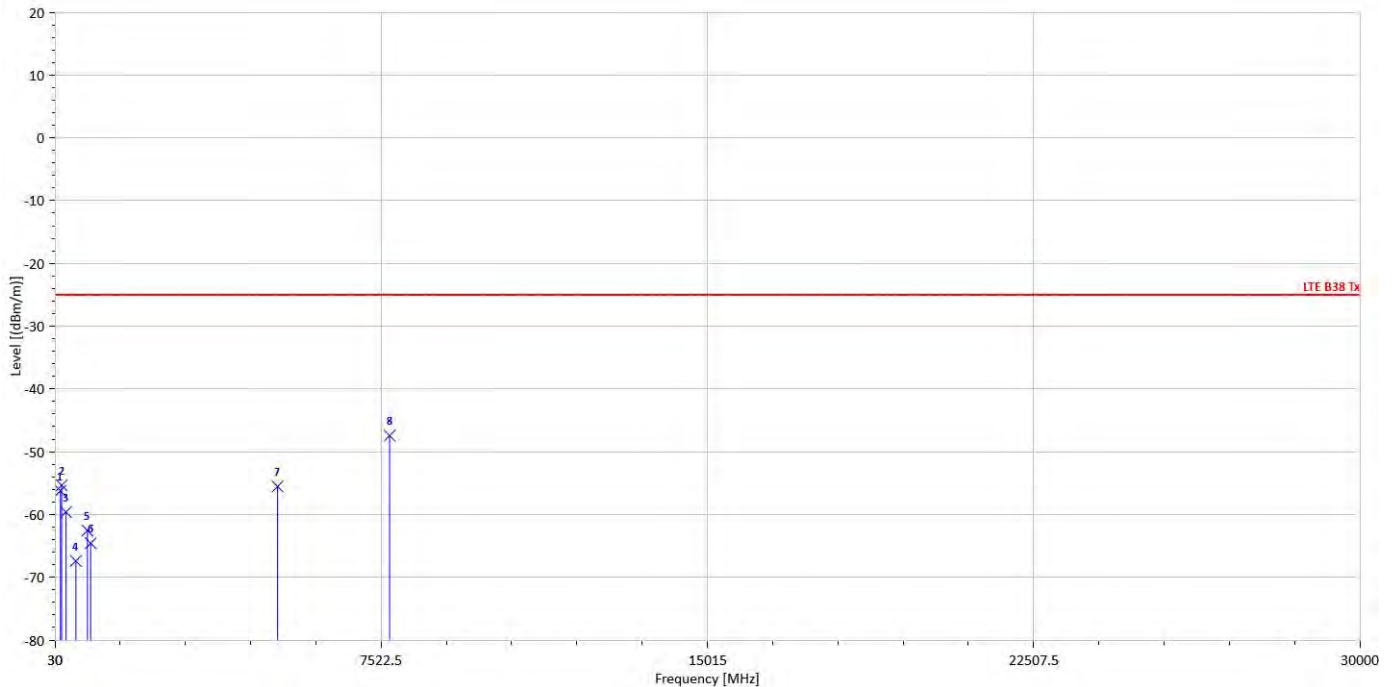
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2572.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH Low	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
157.07	S	-56.22	-57.35	2.88	-1.75	-25	-31.22
185.20	S	-55.34	-59.09	5.66	-1.91	-25	-30.34
285.11	S	-59.60	-62.91	5.71	-2.40	-25	-34.60
511.12	S	-67.39	-70.62	6.50	-3.27	-25	-42.39
776.90	S	-62.55	-66.26	7.74	-4.04	-25	-37.55
851.59	S	-64.57	-68.10	7.80	-4.28	-25	-39.57
5145.00	H	-55.54	-58.15	12.65	-10.03	-25	-30.54
7717.50	H	-47.42	-47.08	11.30	-11.65	-25	-22.42

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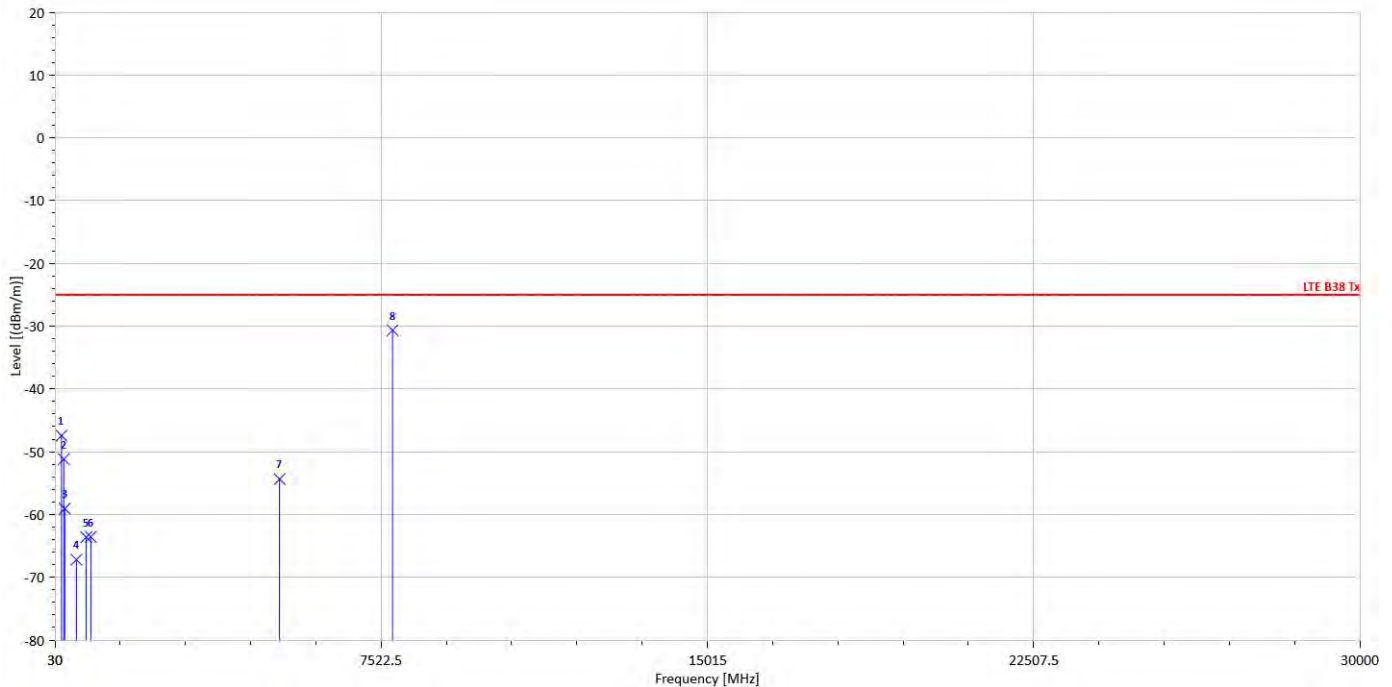
t (886-2) 2299-3279

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Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2595 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
180.35	S	-47.43	-50.98	5.43	-1.88	-25	-22.43
233.70	S	-51.18	-54.91	5.89	-2.16	-25	-26.18
256.98	S	-59.07	-61.49	4.71	-2.28	-25	-34.07
523.73	S	-67.18	-70.36	6.50	-3.32	-25	-42.18
750.71	S	-63.61	-67.38	7.71	-3.94	-25	-38.61
853.53	S	-63.54	-67.06	7.81	-4.28	-25	-38.54
5190.00	H	-54.34	-56.97	12.69	-10.06	-25	-29.34
7785.00	H	-30.64	-30.28	11.30	-11.67	-25	-5.64

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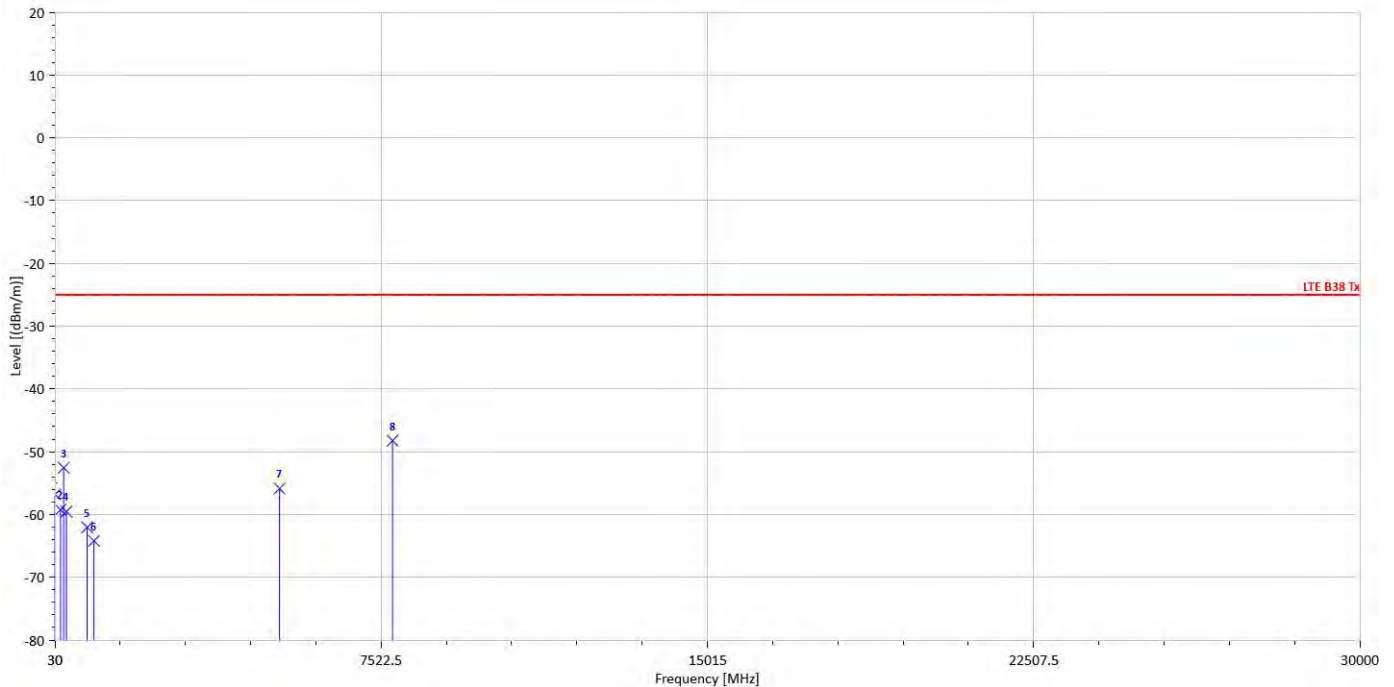
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Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2595 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
32.91	S	-56.79	-37.96	-18.00	-0.83	-25	-31.79
159.01	S	-59.24	-60.56	3.09	-1.76	-25	-34.24
231.76	S	-52.55	-56.37	5.97	-2.15	-25	-27.55
294.81	S	-59.53	-62.90	5.80	-2.44	-25	-34.53
770.11	S	-62.03	-65.76	7.74	-4.01	-25	-37.03
927.25	S	-64.20	-67.67	7.93	-4.46	-25	-39.20
5190.00	H	-55.86	-58.49	12.69	-10.06	-25	-30.86
7785.00	H	-48.23	-47.87	11.30	-11.67	-25	-23.23

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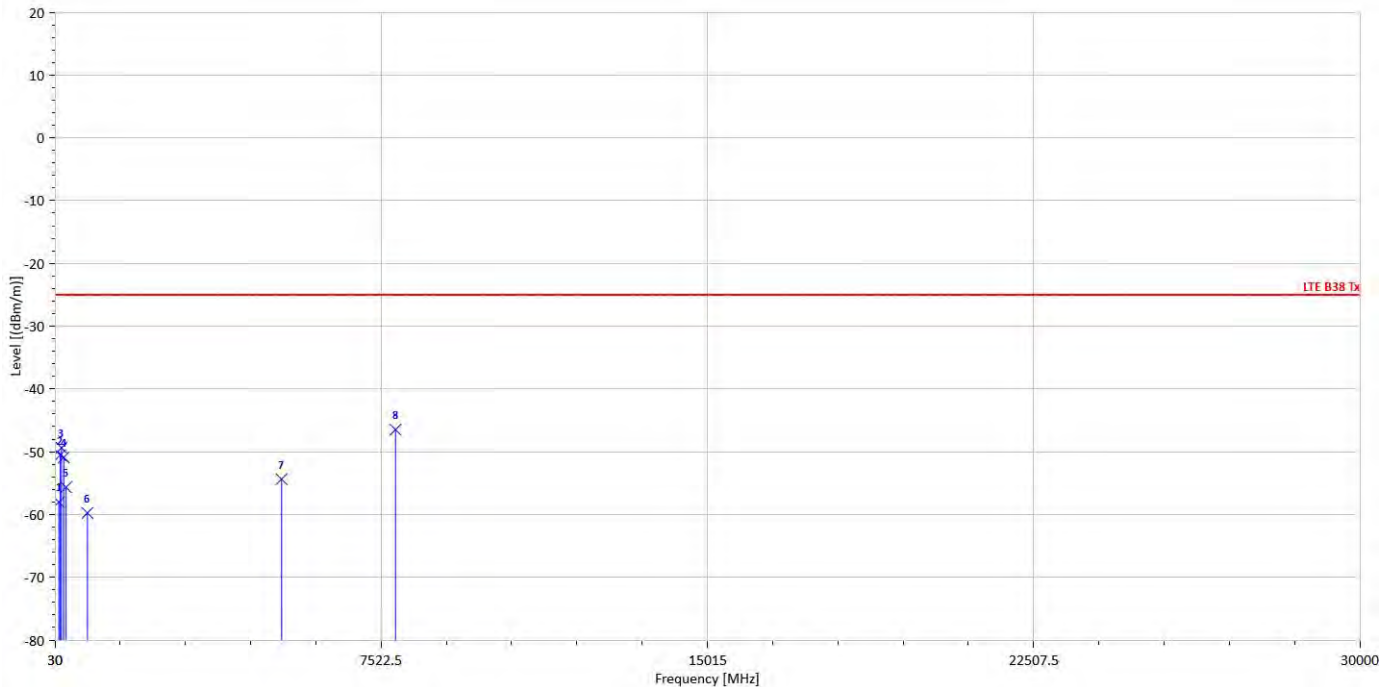
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Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2617.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH HIGH	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
120.21	S	-58.02	-55.32	-1.19	-1.51	-25	-33.02
153.19	S	-50.53	-51.27	2.47	-1.73	-25	-25.53
180.35	S	-49.38	-52.93	5.43	-1.88	-25	-24.38
233.70	S	-50.89	-54.62	5.89	-2.16	-25	-25.89
286.08	S	-55.66	-58.97	5.72	-2.40	-25	-30.66
776.90	S	-59.75	-63.46	7.74	-4.04	-25	-34.75
5235.00	H	-54.37	-57.01	12.74	-10.09	-25	-29.37
7852.50	H	-46.49	-46.11	11.30	-11.68	-25	-21.49

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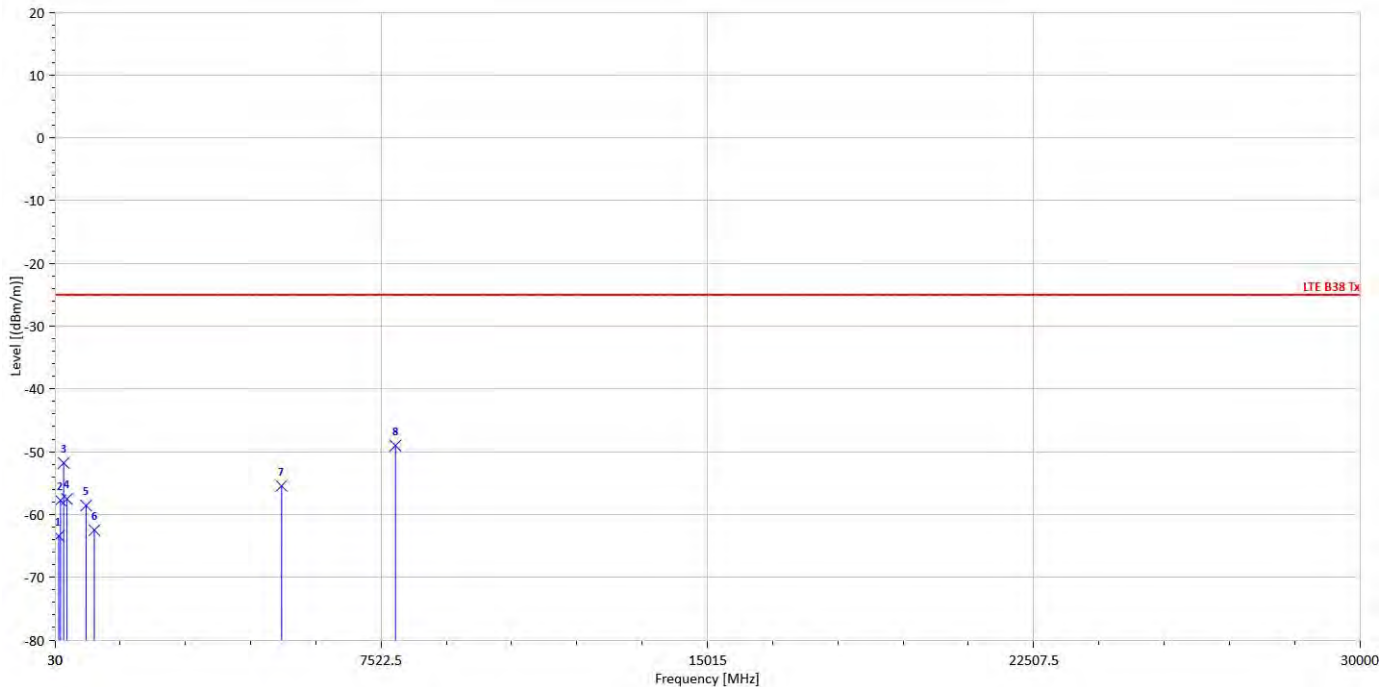
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Operation Mode :	LTEB38 5M QPSK 1.24	Test Date :	2018/5/2
Fundamental Frequency :	2617.5 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH HIGH	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
118.27	S	-63.43	-60.65	-1.29	-1.50	-25	-38.43
158.04	S	-57.74	-58.97	2.98	-1.76	-25	-32.74
231.76	S	-51.78	-55.60	5.97	-2.15	-25	-26.78
307.42	S	-57.52	-60.90	5.87	-2.50	-25	-32.52
745.86	S	-58.57	-62.35	7.71	-3.93	-25	-33.57
935.98	S	-62.48	-65.94	7.94	-4.49	-25	-37.48
5235.00	H	-55.44	-58.08	12.74	-10.09	-25	-30.44
7852.50	H	-49.02	-48.64	11.30	-11.68	-25	-24.02

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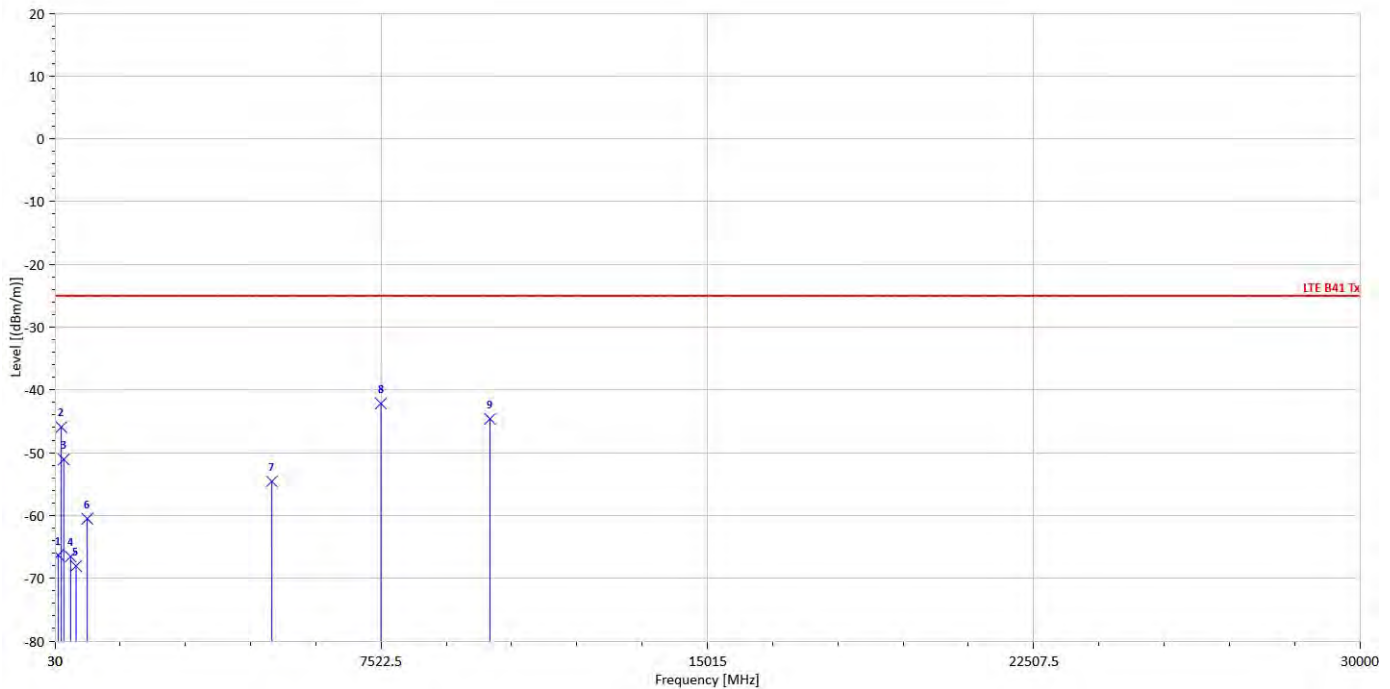
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Radiated Spurious Emission Measurement Result: LTE-Band 41 (The Worst Case)

Operation Mode :	LTEB41 20M 16QAM 1.99	Test Date :	2018/5/2
Fundamental Frequency :	2506 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH LOW	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
104.69	S	-66.30	-63.42	-1.46	-1.41	-25	-41.30
176.47	S	-45.91	-49.08	5.03	-1.86	-25	-20.91
233.70	S	-51.06	-54.79	5.89	-2.16	-25	-26.06
390.84	S	-66.53	-69.49	5.80	-2.83	-25	-41.53
515.00	S	-68.04	-71.25	6.50	-3.29	-25	-43.04
773.02	S	-60.50	-64.22	7.74	-4.02	-25	-35.50
5012.00	H	-54.58	-57.16	12.51	-9.93	-25	-29.58
7518.00	H	-42.15	-41.88	11.30	-11.57	-25	-17.15
10024.00	H	-44.62	-43.34	11.39	-12.66	-25	-19.62

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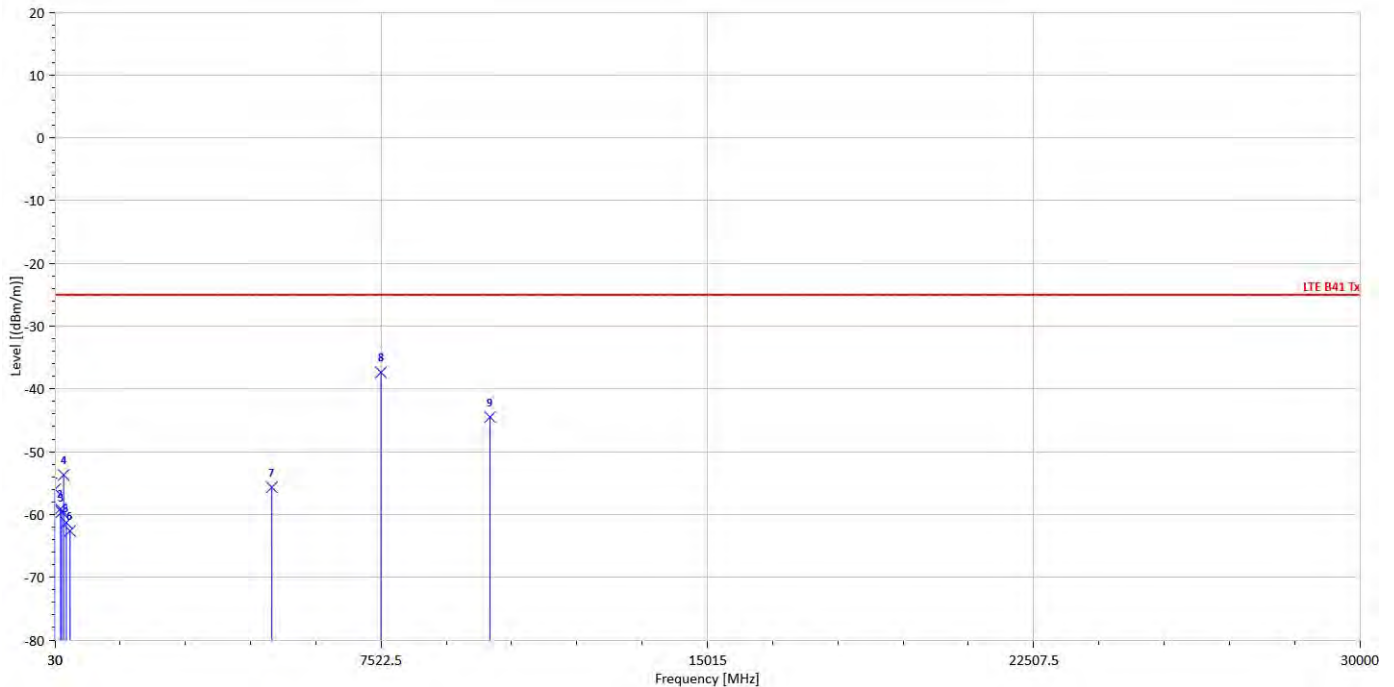
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Operation Mode : LTEB41 20M 16QAM 1.99 Test Date : 2018/5/2
Fundamental Frequency : 2506 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : TX CH LOW Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-55.98	-36.38	-18.78	-0.83	-25	-30.98
159.01	S	-59.09	-60.41	3.09	-1.76	-25	-34.09
184.23	S	-59.60	-63.30	5.61	-1.91	-25	-34.60
231.76	S	-53.70	-57.52	5.97	-2.15	-25	-28.70
290.93	S	-61.29	-64.64	5.77	-2.42	-25	-36.29
377.26	S	-62.61	-65.69	5.86	-2.78	-25	-37.61
5012.00	H	-55.66	-58.24	12.51	-9.93	-25	-30.66
7518.00	H	-37.35	-37.08	11.30	-11.57	-25	-12.35
10024.00	H	-44.47	-43.19	11.39	-12.66	-25	-19.47

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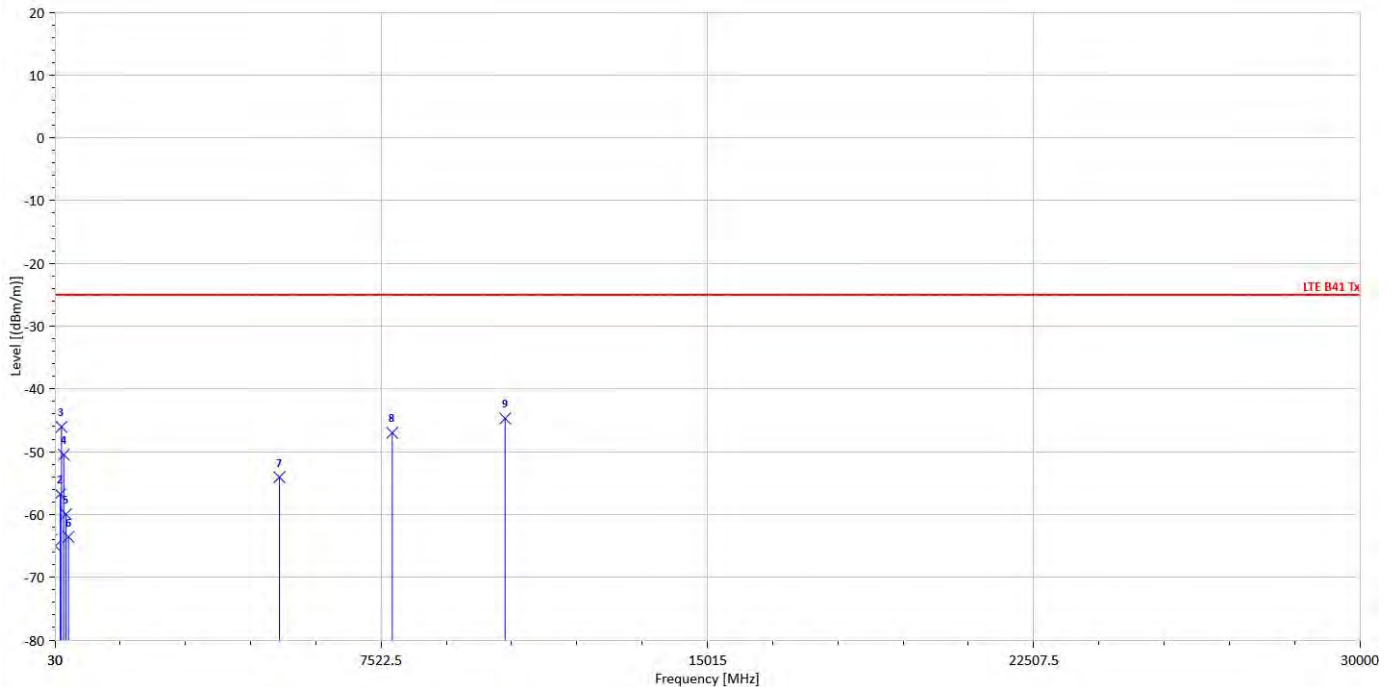
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Operation Mode :	LTEB41 20M 16QAM 1.99	Test Date :	2018/5/2
Fundamental Frequency :	2593 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH MID	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
40.67	S	-65.03	-52.71	-11.45	-0.87	-25	-40.03
150.28	S	-56.74	-57.19	2.16	-1.71	-25	-31.74
181.32	S	-46.04	-49.63	5.48	-1.89	-25	-21.04
233.70	S	-50.47	-54.20	5.89	-2.16	-25	-25.47
284.14	S	-59.94	-63.24	5.70	-2.40	-25	-34.94
341.37	S	-63.55	-66.88	5.97	-2.65	-25	-38.55
5186.00	H	-54.04	-56.67	12.69	-10.06	-25	-29.04
7779.00	H	-46.99	-46.62	11.30	-11.66	-25	-21.99
10372.00	H	-44.70	-43.01	11.18	-12.86	-25	-19.70

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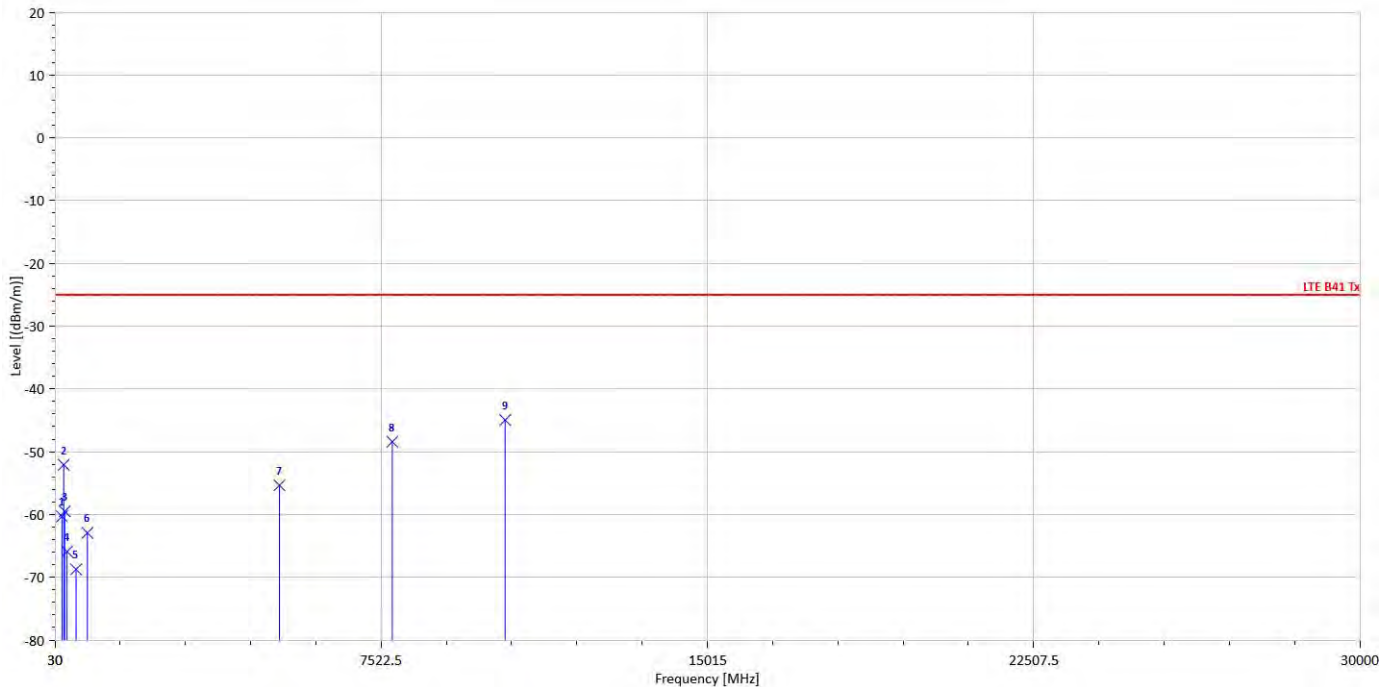
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode : LTEB41 20M 16QAM 1.99 Test Date : 2018/5/2
Fundamental Frequency : 2593 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : TX CH MID Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
192.96	S	-60.30	-64.18	5.84	-1.95	-25	-35.30
232.73	S	-52.07	-55.85	5.93	-2.15	-25	-27.07
256.98	S	-59.49	-61.91	4.71	-2.28	-25	-34.49
309.36	S	-65.89	-69.26	5.88	-2.51	-25	-40.89
515.00	S	-68.73	-71.95	6.50	-3.29	-25	-43.73
775.93	S	-62.92	-66.63	7.74	-4.03	-25	-37.92
5186.00	H	-55.33	-57.96	12.69	-10.06	-25	-30.33
7779.00	H	-48.40	-48.04	11.30	-11.66	-25	-23.40
10372.00	H	-44.94	-43.26	11.18	-12.86	-25	-19.94

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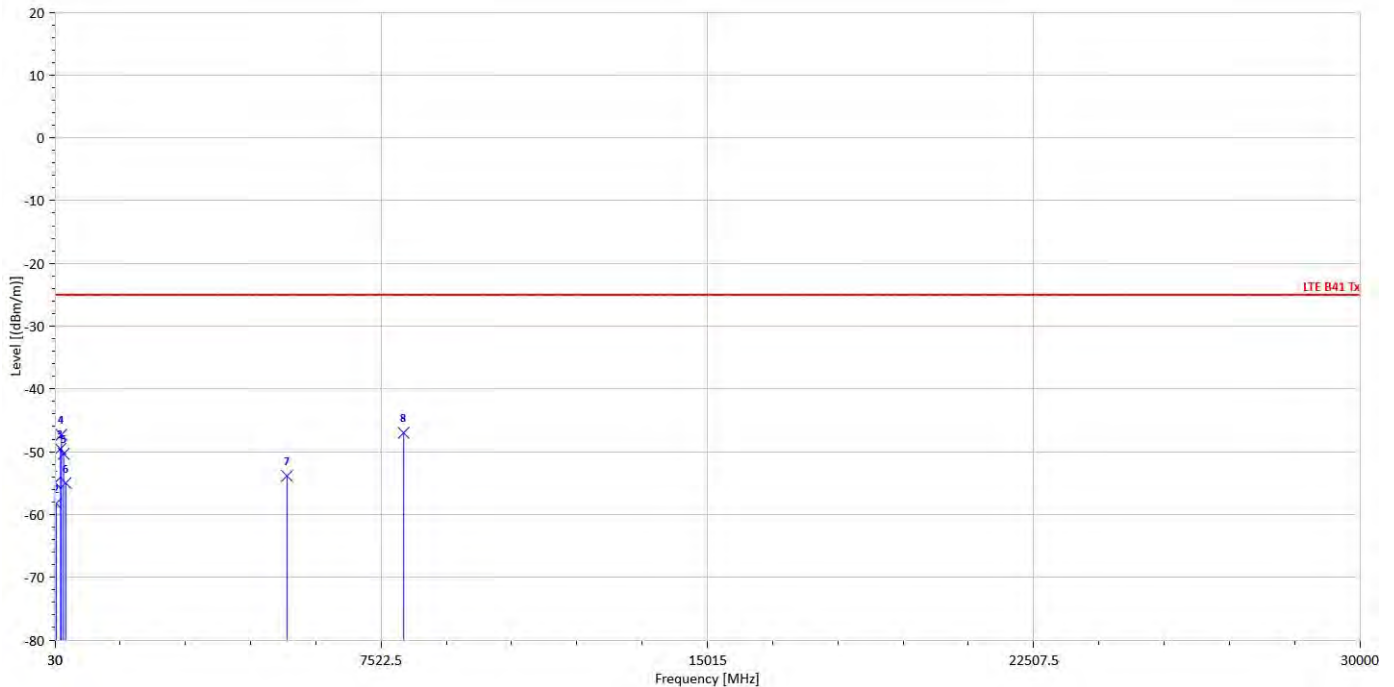
t (886-2) 2299-3279

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Operation Mode :	LTEB41 20M 16QAM 1.99	Test Date :	2018/5/2
Fundamental Frequency :	2680 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	TX CH HIGH	Test Engineer :	Enzo
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
33.88	S	-54.91	-36.87	-17.21	-0.84	-25	-29.91
61.04	S	-58.23	-56.08	-1.09	-1.06	-25	-33.23
158.04	S	-49.53	-50.75	2.98	-1.76	-25	-24.53
180.35	S	-47.29	-50.84	5.43	-1.88	-25	-22.29
231.76	S	-50.33	-54.15	5.97	-2.15	-25	-25.33
279.29	S	-54.99	-58.24	5.63	-2.38	-25	-29.99
5360.00	H	-53.85	-56.53	12.86	-10.18	-25	-28.85
8040.00	H	-46.99	-46.60	11.36	-11.75	-25	-21.99

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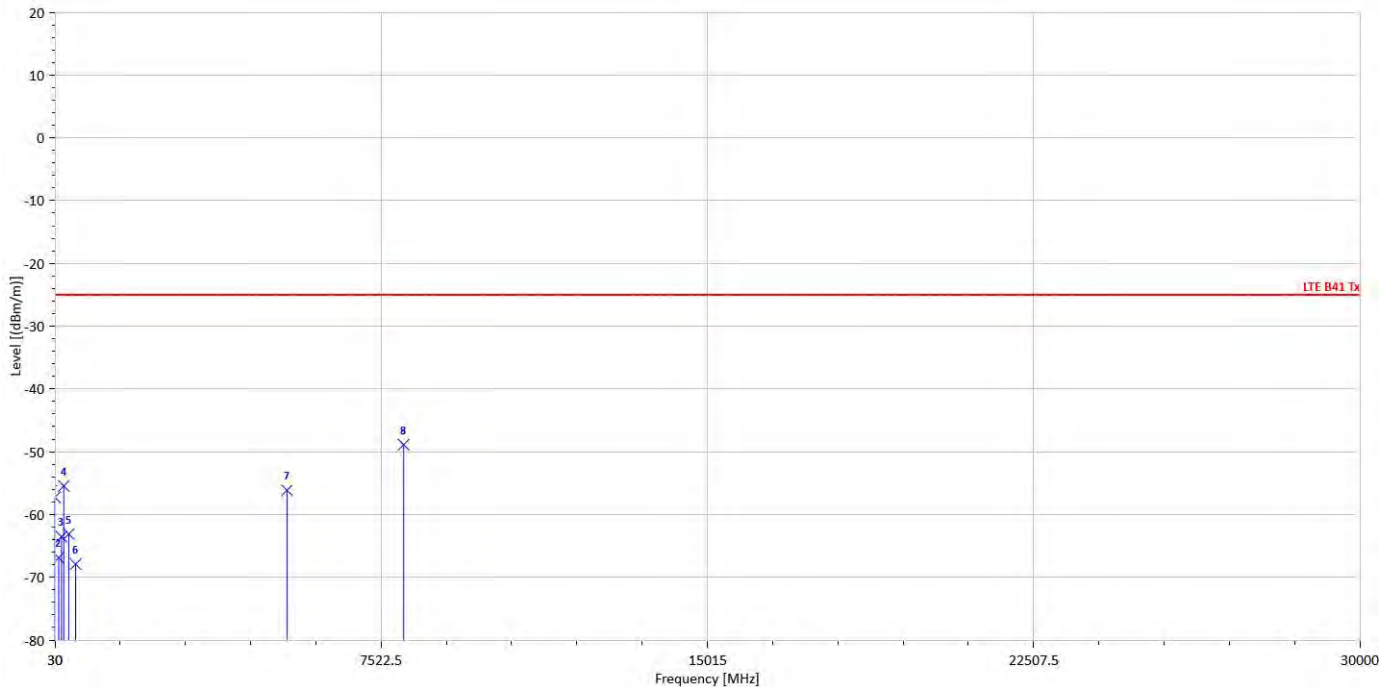
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode : LTEB41 20M 16QAM 1.99 Test Date : 2018/5/2
Fundamental Frequency : 2680 MHz Temp. / Humi. : 22.7deg_C/57RH
Operation Band : TX CH HIGH Test Engineer : Enzo
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
31.94	S	-57.25	-37.64	-18.78	-0.83	-25	-32.25
116.33	S	-66.88	-64.02	-1.37	-1.49	-25	-41.88
180.35	S	-63.54	-67.09	5.43	-1.88	-25	-38.54
233.70	S	-55.45	-59.17	5.89	-2.16	-25	-30.45
349.13	S	-63.10	-66.41	5.99	-2.68	-25	-38.10
505.30	S	-67.90	-71.15	6.49	-3.25	-25	-42.90
5360.00	H	-56.14	-58.82	12.86	-10.18	-25	-31.14
8040.00	H	-48.87	-48.49	11.36	-11.75	-25	-23.87

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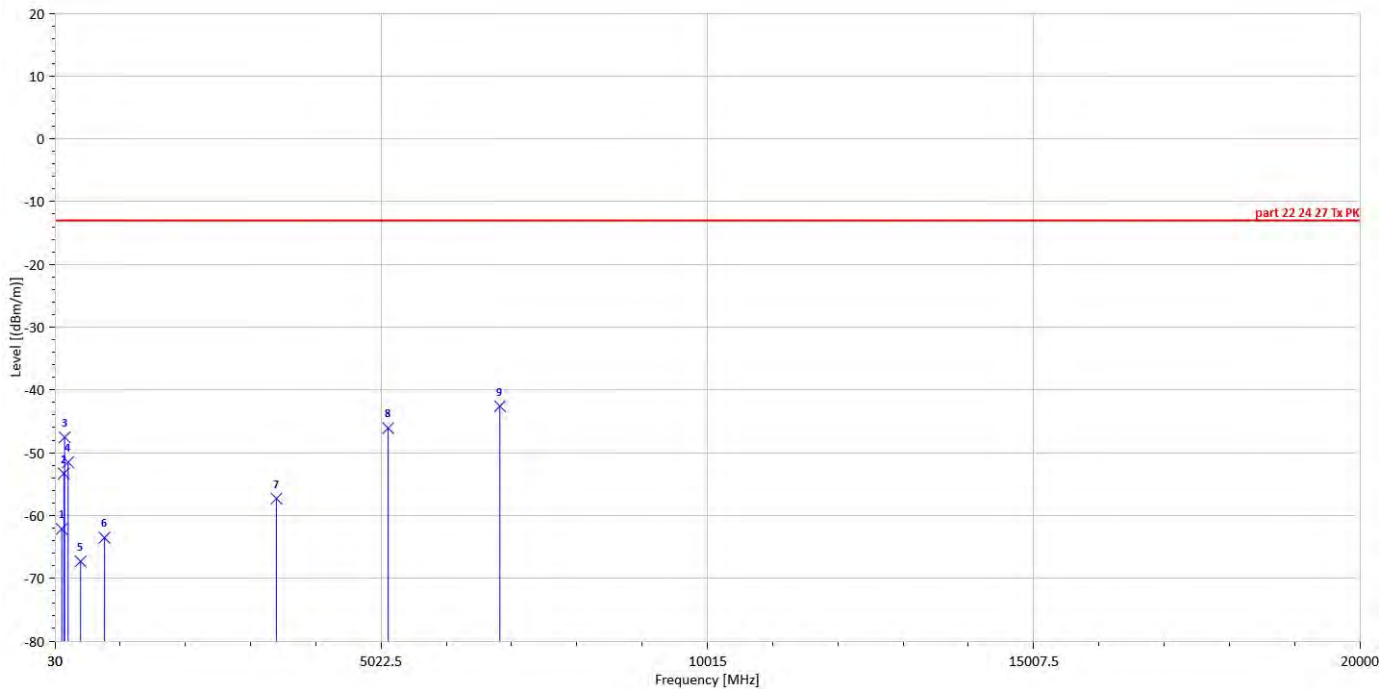
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Radiated Spurious Emission Measurement Result: LTE-Band 66 (The Worst Case)

Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1710.7 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
133.79	S	-62.14	-60.59	0.06	-1.61	-13.01	-49.13
166.77	S	-53.30	-55.45	3.96	-1.81	-13.01	-40.29
179.38	S	-47.53	-51.00	5.35	-1.88	-13.01	-34.52
231.76	S	-51.50	-55.32	5.97	-2.15	-13.01	-38.49
422.85	S	-67.31	-70.34	5.99	-2.96	-13.01	-54.30
788.54	S	-63.53	-67.20	7.76	-4.08	-13.01	-50.52
3420.00	H	-57.30	-60.74	12.14	-8.70	-13.01	-44.29
5130.00	H	-46.07	-48.68	12.63	-10.02	-13.01	-33.06
6840.00	H	-42.59	-43.51	12.10	-11.18	-13.01	-29.58

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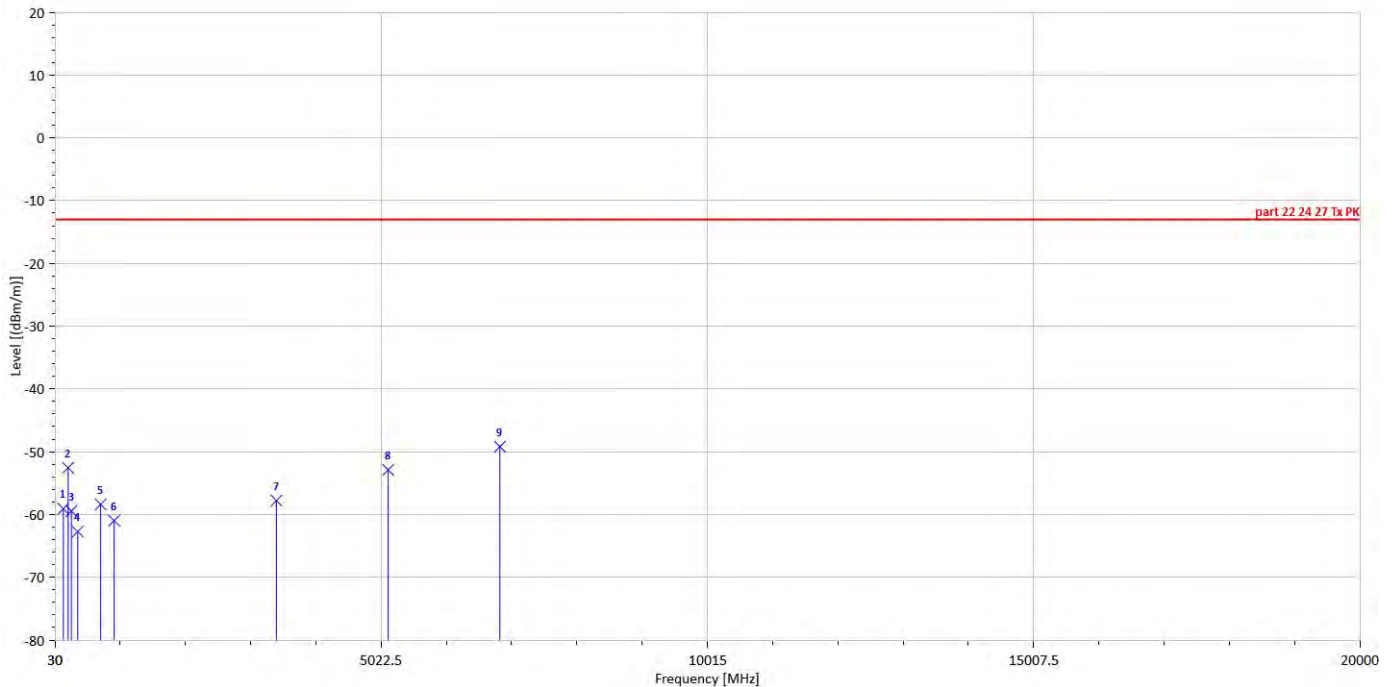
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f (886-2) 2298-0488

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Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1710.7 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH LOW	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
158.04	S	-59.08	-60.31	2.98	-1.76	-13.01	-46.07
231.76	S	-52.56	-56.38	5.97	-2.15	-13.01	-39.55
282.20	S	-59.43	-62.72	5.68	-2.39	-13.01	-46.42
378.23	S	-62.71	-65.79	5.86	-2.78	-13.01	-49.70
730.34	S	-58.38	-62.19	7.71	-3.90	-13.01	-45.37
935.98	S	-60.98	-64.43	7.94	-4.49	-13.01	-47.97
3420.00	H	-57.78	-61.22	12.14	-8.70	-13.01	-44.77
5130.00	H	-52.89	-55.50	12.63	-10.02	-13.01	-39.88
6840.00	H	-49.19	-50.11	12.10	-11.18	-13.01	-36.18

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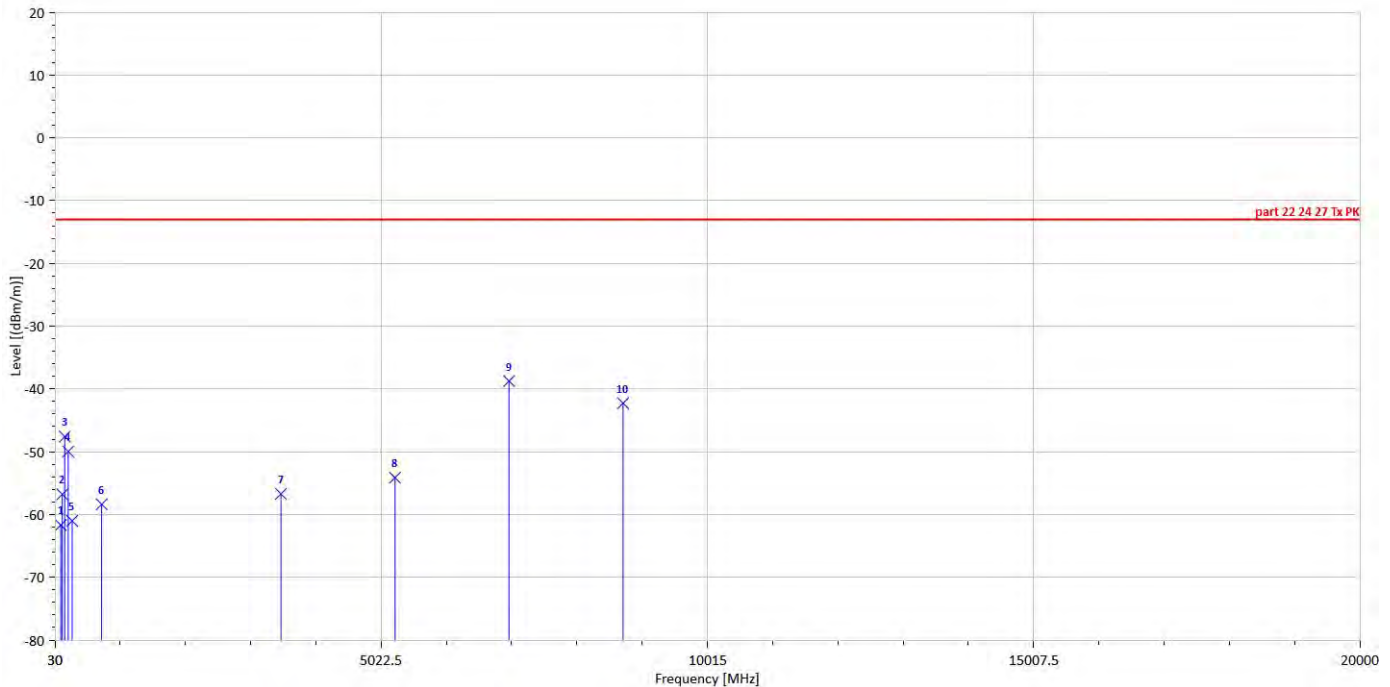
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Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
119.24	S	-61.68	-58.93	-1.24	-1.51	-13.01	-48.67
142.52	S	-56.78	-56.28	1.16	-1.67	-13.01	-43.77
180.35	S	-47.58	-51.13	5.43	-1.88	-13.01	-34.57
233.70	S	-49.96	-53.69	5.89	-2.16	-13.01	-36.95
294.81	S	-61.01	-64.38	5.80	-2.44	-13.01	-48.00
745.86	S	-58.37	-62.15	7.71	-3.93	-13.01	-45.36
3490.00	H	-56.72	-60.25	12.28	-8.75	-13.01	-43.71
5235.00	H	-54.13	-56.77	12.73	-10.09	-13.01	-41.12
6980.00	H	-38.74	-39.51	12.01	-11.24	-13.01	-25.73
8725.00	H	-42.27	-42.19	11.97	-12.05	-13.01	-29.26

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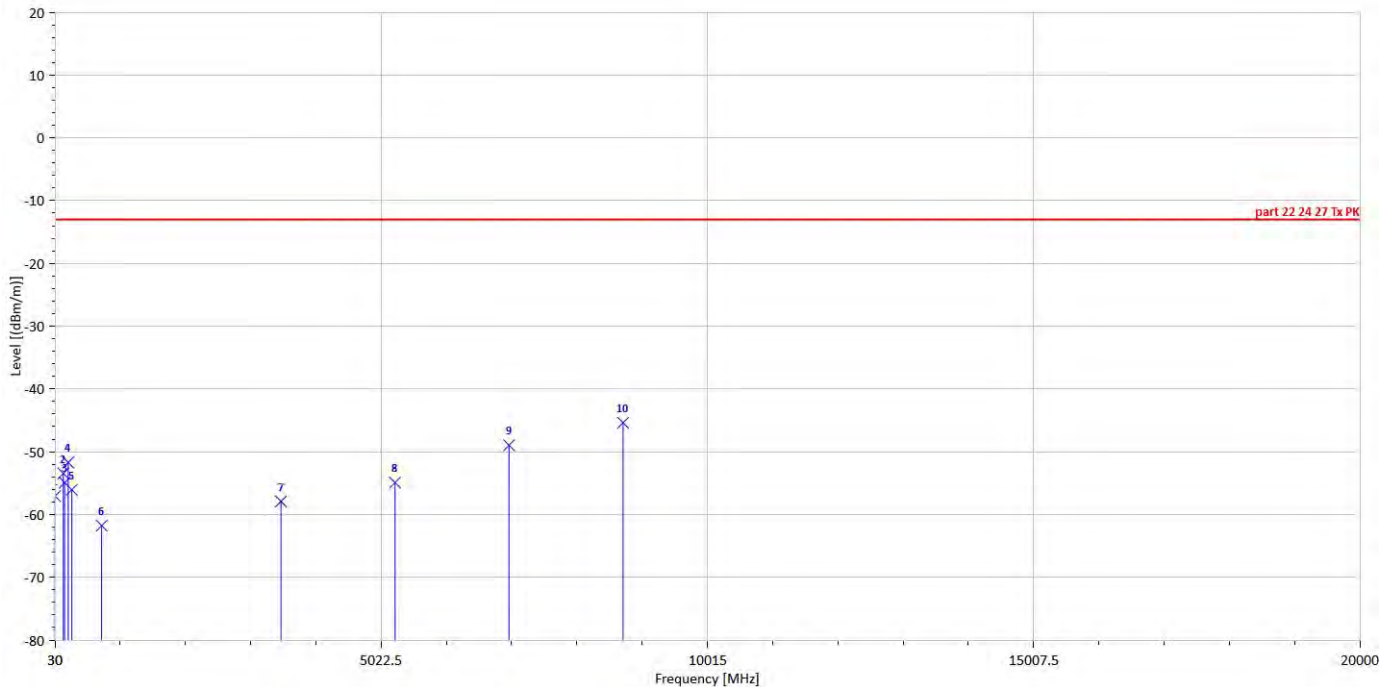
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Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1745 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH MID	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
32.91	S	-57.06	-38.23	-18.00	-0.83	-13.01	-44.05
158.04	S	-53.46	-54.68	2.98	-1.76	-13.01	-40.45
179.38	S	-54.92	-58.39	5.35	-1.88	-13.01	-41.91
233.70	S	-51.71	-55.43	5.89	-2.16	-13.01	-38.70
288.02	S	-56.05	-59.38	5.74	-2.41	-13.01	-43.04
745.86	S	-61.78	-65.56	7.71	-3.93	-13.01	-48.77
3490.00	H	-57.91	-61.44	12.28	-8.75	-13.01	-44.90
5235.00	H	-54.92	-57.56	12.73	-10.09	-13.01	-41.91
6980.00	H	-48.97	-49.74	12.01	-11.24	-13.01	-35.96
8725.00	H	-45.38	-45.30	11.97	-12.05	-13.01	-32.37

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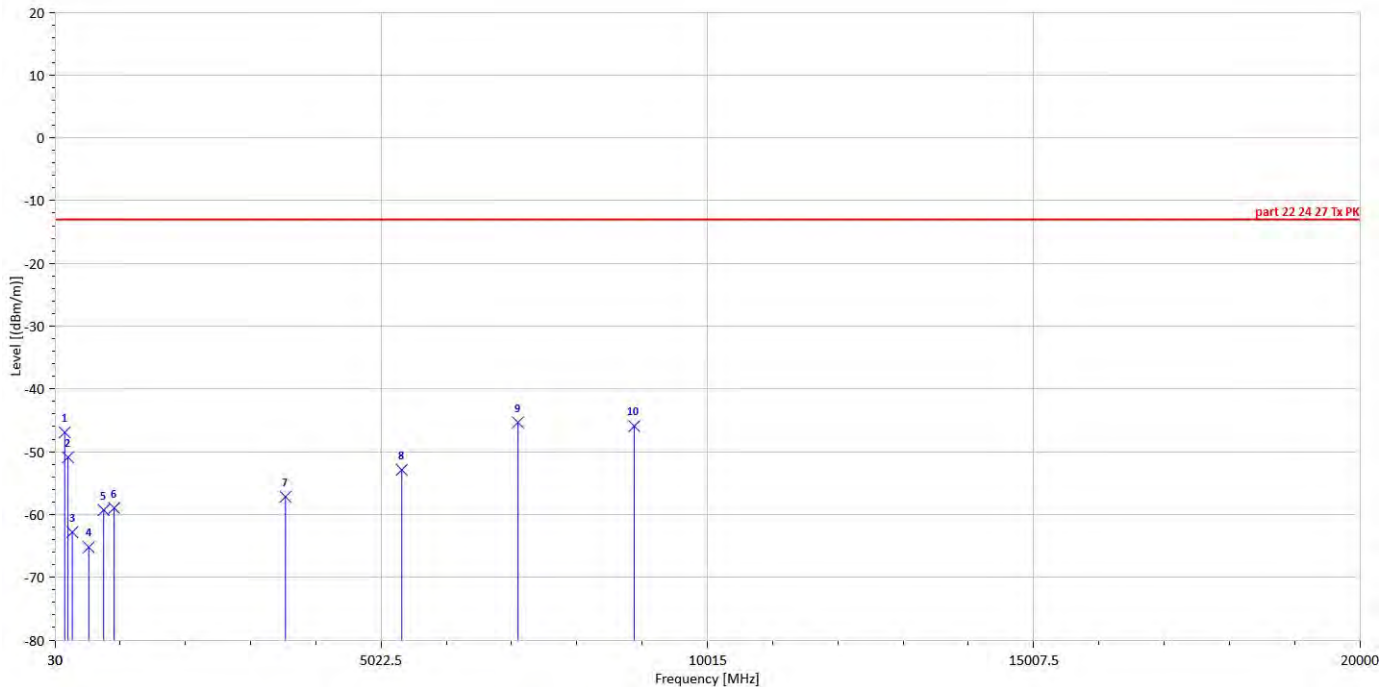
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Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1779.3 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Vertical



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
180.35	S	-46.92	-50.47	5.43	-1.88	-13.01	-33.91
230.79	S	-50.88	-54.74	6.01	-2.14	-13.01	-37.87
296.75	S	-62.80	-66.18	5.82	-2.45	-13.01	-49.79
547.98	S	-65.22	-68.33	6.52	-3.40	-13.01	-52.21
775.93	S	-59.29	-63.00	7.74	-4.03	-13.01	-46.28
936.95	S	-58.96	-62.42	7.95	-4.49	-13.01	-45.95
3558.60	H	-57.17	-60.71	12.34	-8.80	-13.01	-44.16
5337.90	H	-52.90	-55.57	12.84	-10.17	-13.01	-39.89
7117.20	H	-45.32	-45.85	11.84	-11.31	-13.01	-32.31
8896.50	H	-45.92	-45.69	11.86	-12.09	-13.01	-32.91

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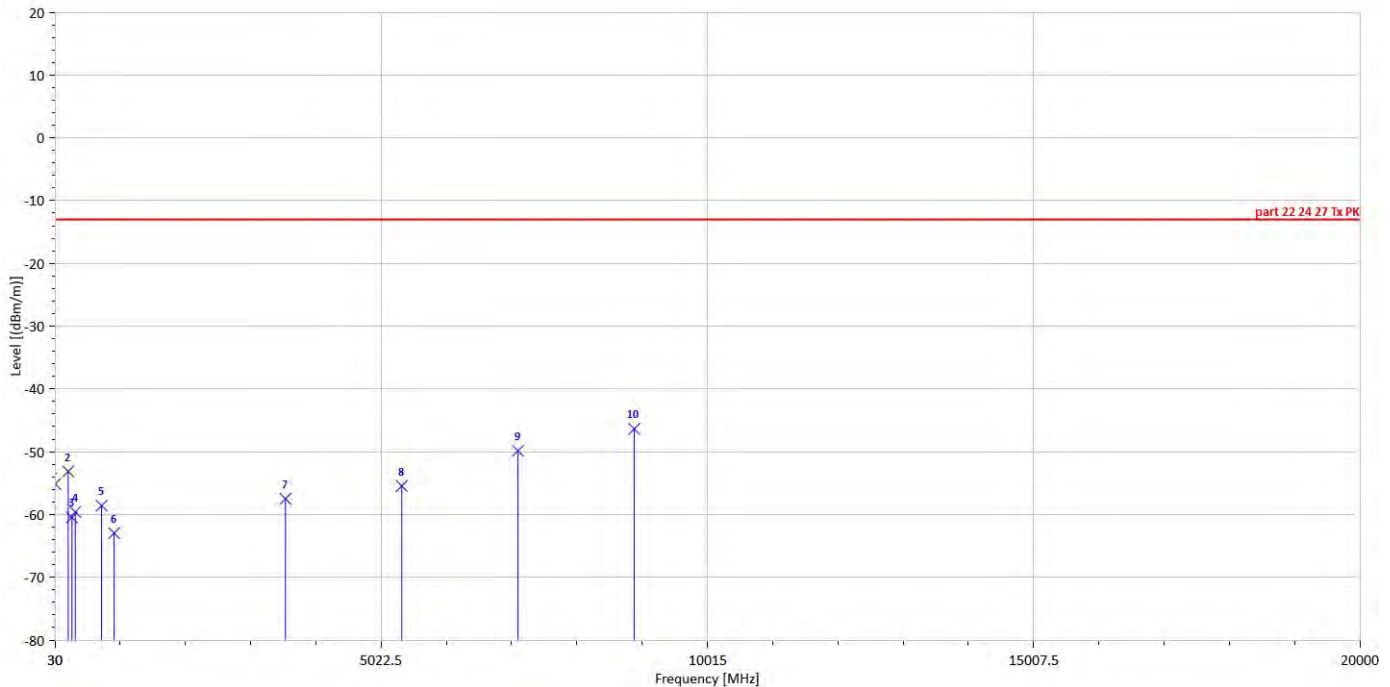
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Operation Mode :	LTEB66 1.4M 16QAM 1.0	Test Date :	2018/5/2
Fundamental Frequency :	1779.3 MHz	Temp. / Humi. :	22.7deg_C/57RH
Operation Band :	Tx CH HIGH	Test Engineer :	Ashton
EUT Pol. :	E2	Measurement Antenna Pol. :	Horizontal



Freq.	Note	ERP/EIRP	SG Output	Antenna	Cable	Limit	Margin
MHz	F/H/E/S	dBm	Level dBm	Gain dBi	Loss dB	@3m dBm/m	dB
34.85	S	-55.13	-37.86	-16.43	-0.84	-13.01	-42.12
233.70	S	-53.13	-56.86	5.89	-2.16	-13.01	-40.12
289.96	S	-60.47	-63.81	5.76	-2.42	-13.01	-47.46
341.37	S	-59.59	-62.92	5.97	-2.65	-13.01	-46.58
744.89	S	-58.59	-62.38	7.71	-3.92	-13.01	-45.58
936.95	S	-62.96	-66.41	7.95	-4.49	-13.01	-49.95
3558.60	H	-57.48	-61.02	12.34	-8.80	-13.01	-44.47
5337.90	H	-55.45	-58.12	12.84	-10.17	-13.01	-42.44
7117.20	H	-49.84	-50.37	11.84	-11.31	-13.01	-36.83
8896.50	H	-46.36	-46.13	11.86	-12.09	-13.01	-33.35

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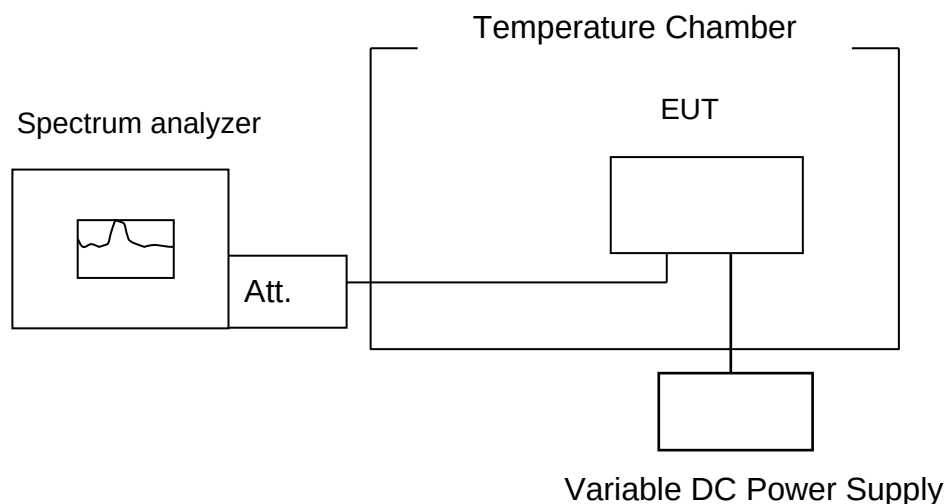
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11. FREQUENCY STABILITY MEASUREMENT

11.1. Standard Applicabl

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

11.2. Test Set-up



Note: Measurement setup for testing on Antenna connector

11.3. Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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11.4. Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	Agilent	N9010A	MY53400256	2017/10/30	2018/10/29
Radio Communication Analyzer	Anritsu	MT8820C	6201107337	2017/06/11	2018/06/10
DC Power Supply	Agilent	E3640A	MY53130054	2017/09/04	2018/09/03
Attenuator	Marvelous	MVE2213-10	RF30	2017/12/26	2018/12/25
Splitter	RF-LAMBAD	RFLT2W1G18G	RF35	2017/12/26	2018/12/25

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11.5. Measurement Result

WCDMA II Mid Channel 1880 MHz				
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
8.855	20	1880.000007	7	4700
7.7	20	1879.999998	-2	4700
6.545	20	1880.000003	3	4700
6 (End point)	20	1880.000009	9	4700
FREQUENCY ERROR vs. Temp.				
7.7	50	1880.000008	8	4700
7.7	40	1879.999987	-13	4700
7.7	30	1880.000005	5	4700
7.7	20	1879.999998	-2	4700
7.7	10	1880.000002	2	4700
7.7	0	1879.999991	-9	4700
7.7	-10	1880.000011	11	4700
7.7	-20	1879.999984	-16	4700
7.7	-30	1879.999995	-5	4700

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WCDMA IV Mid Channel 1732.6 MHz				
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
8.855	20	1732.599999	-1	4331
7.7	20	1732.599997	-3	4331
6.545	20	1732.600018	18	4331
6 (End point)	20	1732.599994	-6	4331
FREQUENCY ERROR vs. Temp.				
7.7	50	1732.600019	19	4331
7.7	40	1732.600011	11	4331
7.7	30	1732.600008	8	4331
7.7	20	1732.599997	-3	4331
7.7	10	1732.599989	-11	4331
7.7	0	1732.600005	5	4331
7.7	-10	1732.600023	23	4331
7.7	-20	1732.600013	13	4331
7.7	-30	1732.599997	-3	4331
WCDMA V Mid Channel 836.6 MHz				
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
8.855	20	836.600007	7	2091
7.7	20	836.599997	-3	2091
6.545	20	836.600003	3	2091
6 (End point)	20	836.599999	-1	2091
FREQUENCY ERROR vs. Temp.				
7.7	50	836.600003	3	2091
7.7	40	836.600015	15	2091
7.7	30	836.600006	6	2091
7.7	20	836.599997	-3	2091
7.7	10	836.599993	-7	2091
7.7	0	836.600023	23	2091
7.7	-10	836.600022	22	2091
7.7	-20	836.600019	19	2091
7.7	-30	836.600015	15	2091

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Reference Freq.:	LTE B2 Mid Channel		1880	MHz 20M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	1879.999976	-24	4700
7.7	25	1880.000001	1	4700
6.545	25	1879.999997	-3	4700
6 (End Point)	25	1879.999998	-2	4700
Freq. ERROR vs. Temp.				
7.7	-30	1880.000017	17	4700
7.7	-20	1879.999995	-5	4700
7.7	-10	1879.999975	-25	4700
7.7	0	1879.999979	-21	4700
7.7	10	1879.999994	-6	4700
7.7	20	1879.999992	-8	4700
7.7	30	1879.999990	-10	4700
7.7	40	1879.999987	-13	4700
7.7	50	1880.000013	13	4700

Reference Freq.:	LTE B4 Mid Channel		1732.5	MHz 20M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	1732.500024	24	4331
7.7	25	1732.500016	16	4331
6.545	25	1732.499976	-24	4331
6 (End Point)	25	1732.499992	-8	4331
Freq. ERROR vs. Temp.				
7.7	-30	1732.499984	-16	4331
7.7	-20	1732.500000	0	4331
7.7	-10	1732.500024	24	4331
7.7	0	1732.500024	24	4331
7.7	10	1732.499997	-3	4331
7.7	20	1732.499987	-13	4331
7.7	30	1732.500022	22	4331
7.7	40	1732.500002	2	4331
7.7	50	1732.500016	16	4331

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Reference Freq.:	LTE B5 Mid Channel		836.5	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	836.500014	14	2091
7.7	25	836.500020	20	2091
6.545	25	836.500018	18	2091
6 (End Point)	25	836.499993	-7	2091
Freq. ERROR vs. Temp.				
7.7	-30	836.500011	11	2091
7.7	-20	836.499979	-21	2091
7.7	-10	836.499991	-9	2091
7.7	0	836.500000	0	2091
7.7	10	836.499989	-11	2091
7.7	20	836.499993	-7	2091
7.7	30	836.499995	-5	2091
7.7	40	836.500013	13	2091
7.7	50	836.500021	21	2091

Reference Freq.:	LTE B7 Mid Channel		2535	MHz 10M QPSK CH 21100
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	2535.000020	20	6338
7.7	25	2535.000004	4	6338
6.545	25	2534.999987	-13	6338
6 (End Point)	25	2534.999985	-15	6338
Freq. ERROR vs. Temp.				
7.7	-30	2534.999997	-3	6338
7.7	-20	2534.999989	-11	6338
7.7	-10	2535.000010	10	6338
7.7	0	2535.000013	13	6338
7.7	10	2535.000001	1	6338
7.7	20	2534.999989	-11	6338
7.7	30	2534.999991	-9	6338
7.7	40	2535.000009	9	6338
7.7	50	2535.000004	4	6338

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Reference Freq.:	LTE B12 Mid Channel		707.5	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	707.500019	19	1769
7.7	25	707.499996	-4	1769
6.545	25	707.499996	-4	1769
6 (End Point)	25	707.499989	-11	1769
Freq. ERROR vs. Temp.				
7.7	-30	707.499980	-20	1769
7.7	-20	707.499985	-15	1769
7.7	-10	707.500006	6	1769
7.7	0	707.499976	-24	1769
7.7	10	707.499996	-4	1769
7.7	20	707.500016	16	1769
7.7	30	707.500001	1	1769
7.7	40	707.499994	-6	1769
7.7	50	707.499979	-21	1769

Reference Freq.:	LTE B13 Mid Channel		782	MHz 10M QPSK CH 23230
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	781.999986	-14	1955
7.7	25	782.000011	11	1955
6.545	25	782.000021	21	1955
6 (End Point)	25	781.999992	-8	1955
Freq. ERROR vs. Temp.				
7.7	-30	781.999989	-11	1955
7.7	-20	782.000002	2	1955
7.7	-10	782.000006	6	1955
7.7	0	782.000019	19	1955
7.7	10	782.000001	1	1955
7.7	20	782.000010	10	1955
7.7	30	781.999976	-24	1955
7.7	40	781.999982	-18	1955
7.7	50	781.999986	-14	1955

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Reference Freq.:	LTE B17 Mid Channel		710	MHz 10M QPSK CH 23790
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	709.999982	-18	1775
7.7	25	710.000024	24	1775
6.545	25	710.000006	6	1775
6	25	709.999992	-8	1775
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	710.000020	20	1775
7.7	-20	710.000000	0	1775
7.7	-10	710.000015	15	1775
7.7	0	709.999987	-13	1775
7.7	10	710.000009	9	1775
7.7	20	710.000011	11	1775
7.7	30	710.000004	4	1775
7.7	40	709.999995	-5	1775
7.7	50	710.000015	15	1775

Reference Freq.:	LTE B25 Mid		1882.5	MHz 20M QPSK CH 26365
	Channel			
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	1882.500011	11	4700
7.7	25	1882.499999	-1	4700
6.545	25	1882.500021	21	4700
6	25	1882.500016	16	4700
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	1882.499986	-14	4700
7.7	-20	1882.500002	2	4700
7.7	-10	1882.5	0	4700
7.7	0	1882.500014	14	4700
7.7	10	1882.499976	-24	4700
7.7	20	1882.500022	22	4700
7.7	30	1882.500017	17	4700
7.7	40	1882.500001	1	4700
7.7	50	1882.500023	23	4700

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Reference Freq.:	LTE B26 Mid Channel		831.5	MHz 15M QPSK CH 26865
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	831.500008	8	2091
7.7	25	831.499979	-21	2091
6.545	25	831.499992	-8	2091
6 (End Point)	25	831.499986	-14	2091
Freq. ERROR vs. Temp.				
7.7	-30	831.500015	15	2091
7.7	-20	831.500015	15	2091
7.7	-10	831.500014	14	2091
7.7	0	831.499979	-21	2091
7.7	10	831.500006	6	2091
7.7	20	831.500024	24	2091
7.7	30	831.500011	11	2091
7.7	40	831.500006	6	2091
7.7	50	831.500024	24	2091

Reference Freq.:	Part 90 LTE B26 Mid Channel		819	MHz 10M QPSK CH 26740
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S)				
8.855	25	819.000023	23	2048
7.7	25	819.000024	24	2048
6.545	25	818.999979	-21	2048
6 (End Point)	25	818.999985	-15	2048
Freq. ERROR vs. Temp.				
7.7	-30	819.000006	6	2048
7.7	-20	819.000024	24	2048
7.7	-10	818.999990	-10	2048
7.7	0	818.999998	-2	2048
7.7	10	819.000019	19	2048
7.7	20	819.000021	21	2048
7.7	30	818.999979	-21	2048
7.7	40	819.000008	8	2048
7.7	50	818.999980	-20	2048

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Reference Freq.:	LTE B30 Mid		2310	MHz 10M QPSK CH 27710
	Channel			
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	2309.999996	-4	6488
7.7	25	2309.999978	-22	6488
6.545	25	2310.000018	18	6488
6	25	2310.000003	3	6488
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	2310.000002	2	6488
7.7	-20	2310.000016	16	6488
7.7	-10	2310.000017	17	6488
7.7	0	2310.000023	23	6488
7.7	10	2309.999982	-18	6488
7.7	20	2309.999986	-14	6488
7.7	30	2310.000020	20	6488
7.7	40	2309.999992	-8	6488
7.7	50	2310.000006	6	6488

Reference Freq.:	LTE B38 Mid Channel		2595	MHz 10M QPSK CH 38000
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	2595.000007	7	6488
7.7	25	2595.000009	9	6488
6.545	25	2594.999983	-17	6488
6	25	2594.999998	-2	6488
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	2594.999994	-6	6488
7.7	-20	2594.999983	-17	6488
7.7	-10	2595.000010	10	6488
7.7	0	2594.999977	-23	6488
7.7	10	2595.000019	19	6488
7.7	20	2595.000021	21	6488
7.7	30	2595.000002	2	6488
7.7	40	2594.999986	-14	6488
7.7	50	2595.000019	19	6488

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Reference Freq.:	LTE B41 Mid		2593	MHz 10M QPSK CH 40620
	Channel			
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	2592.999990	-10	6488
7.7	25	2592.999985	-15	6488
6.545	25	2592.999981	-19	6488
6	25	2592.999995	-5	6488
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	2592.999980	-20	6488
7.7	-20	2592.999987	-13	6488
7.7	-10	2592.999982	-18	6488
7.7	0	2593.000023	23	6488
7.7	10	2592.999988	-12	6488
7.7	20	2592.999994	-6	6488
7.7	30	2593.000020	20	6488
7.7	40	2593.000021	21	6488
7.7	50	2592.999990	-10	6488

Reference Freq.:	LTE B66 Mid		1745	MHz 10M QPSK CH 132322
	Channel			
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)
Freq. ERROR vs. VOLTAGE				
8.855	25	1745.000000	0	6488
7.7	25	1744.999992	-8	6488
6.545	25	1744.999990	-10	6488
6	25	1744.999995	-5	6488
(End Point)				
Freq. ERROR vs. Temp.				
7.7	-30	1745.000022	22	6488
7.7	-20	1744.999995	-5	6488
7.7	-10	1744.999981	-19	6488
7.7	0	1745.000009	9	6488
7.7	10	1744.999980	-20	6488
7.7	20	1744.999981	-19	6488
7.7	30	1745.000020	20	6488
7.7	40	1745.000001	1	6488
7.7	50	1745.000021	21	6488

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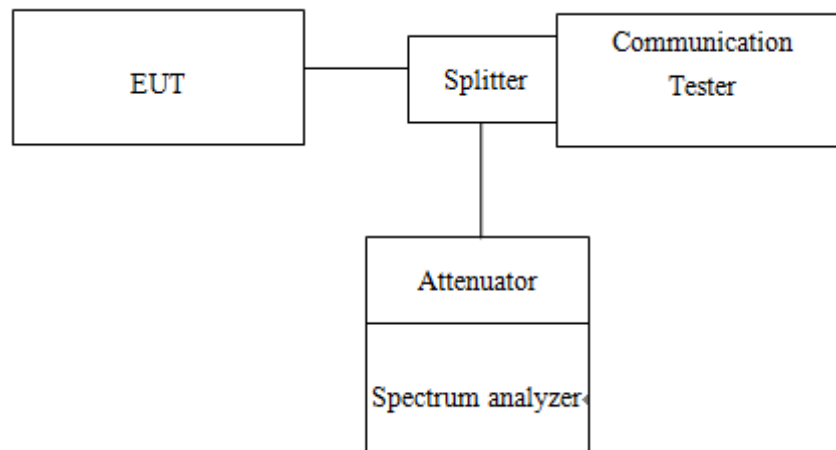
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12. PEAK TO AVERAGE RATIO

12.1. Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2. Test SET-UP



12.3. Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth; & internal =1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

12.4. Measurement Equipment Used

Conducted Emission (measured at antenna port) Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	Agilent	N9010A	MY53400256	2017/10/30	2018/10/29
Radio Communication Analyzer	Anritsu	MT8820C	6201107337	2017/06/11	2018/06/10
DC Power Supply	Agilent	E3640A	MY53130054	2017/09/04	2018/09/03
Attenuator	Marvelous	MVE2213-10	RF30	2017/12/26	2018/12/25
Splitter	RF-LAMBAD	RFLT2W1G18G	RF35	2017/12/26	2018/12/25

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12.5. Measurement Result

Tabular Results:

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA	HSDPA	HSUPA
		II	II	II
1852.4	9262	2.83	3.68	3.73
1880	9400	2.98	3.68	3.77
1907.6	9538	2.85	3.50	3.49

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA	HSDPA	HSUPA
		IV	IV	IV
1712.4	1312	3.80	3.87	3.89
1732.6	1413	3.56	3.54	3.58
1752.6	1513	3.65	3.87	3.92

LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1850.7	18607	6.06	13	1851.5	18615	6.29	13
1880.0	18900	6.23	13	1880.0	18900	6.19	13
1909.3	19193	6.15	13	1908.5	19185	6.12	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1852.5	18625	6.07	13	1855.0	18650	6.05	13
1880.0	18900	6.20	13	1880.0	18900	5.98	13
1907.5	19175	6.04	13	1905.0	19150	6.00	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1857.5	18675	5.81	13	1860.0	18700	7.06	13
1880.0	18900	6.72	13	1880.0	18900	7.09	13
1902.5	19125	6.63	13	1900.0	19100	7.17	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1710.7	19957	6.29	13	1711.5	19965	6.27	13
1732.5	20175	6.09	13	1732.5	20175	6.14	13
1754.3	20393	5.75	13	1753.5	20385	5.98	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1712.5	19957	6.12	13	1715.0	20000	6.09	13
1732.5	20175	6.15	13	1732.5	20175	6.02	13
1752.5	20375	5.89	13	1750.0	20350	5.93	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1717.5	20025	6.62	13	1720.0	20050	6.81	13
1732.5	20175	6.76	13	1732.5	20175	7.21	13
1747.5	20325	6.72	13	1745.0	20300	7.24	13

LTE BAND 7							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2502.5	20775	5.77	13	2505.0	20800	5.91	13
2535.0	21100	5.94	13	2535.0	21100	6.02	13
2567.5	21375	5.75	13	2565.0	21350	5.84	13

LTE BAND 7							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2507.5	20825	6.73	13	2510	20850	7.06	13
2535.0	21100	6.70	13	2535	21100	7.11	13
2562.5	21375	6.64	13	2560	21350	6.96	13

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LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
699.7	23017	6.13	13	700.5	23025	6.20	13
707.5	23095	6.29	13	707.5	23095	6.28	13
715.3	23173	6.10	13	714.5	23165	6.22	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
701.5	23035	6.04	13	704.0	23060	5.91	13
707.5	23095	5.96	13	707.5	23095	6.04	13
713.5	23155	6.00	13	711.0	23130	6.13	13

LTE BAND 13							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
779.5	23205	5.56	13	782.0	23230	5.53	13
782.0	23230	5.65	13				
784.5	23255	5.67	13				

LTE BAND 17							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
706.5	23755	5.33	13	709	23780	5.67	13
710	23790	5.50	13	710	23790	5.72	13
713.5	23825	5.49	13	711	23780	5.76	13

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LTE BAND 25							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1850.7	26047	6.18	13	1851.5	26055	6.18	13
1882.5	26365	6.04	13	1882.5	26365	6.00	13
1914.3	26683	5.67	13	1913.5	26675	5.88	13

LTE BAND 25							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1852.5	26065	6.09	13	1855.0	26090	6.03	13
1882.5	26365	5.96	13	1882.5	26365	6.10	13
1912.5	26665	5.77	13	1910.0	26640	5.79	13

LTE BAND 25							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1857.5	26115	6.73	13	1860.0	26140	7.18	13
1882.5	26365	6.61	13	1882.5	26365	7.03	13
1907.5	26615	6.56	13	1905.0	26590	6.98	13

LTE BAND 30							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	Peak-to-		Freq. (MHz)	CH	Peak-to-	
		5.33	Limit			5.33	Limit
2307.5	27685	6.03	13	2310.0	27710	5.94	13
2310.0	27710	5.97	13				
2312.5	27735	5.02	13				

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LTE BAND 38							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2572.5	37775	8.10	13	2575	37800	9.54	13
2595.0	38000	8.21	13	2595	38000	7.70	13
2617.5	38225	7.20	13	2615	38200	7.71	13
LTE BAND 38							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2577.5	37825	8.02	13	2580.0	37850	7.99	13
2595.0	38000	8.23	13	2595.0	38000	7.47	13
2612.5	38175	8.96	13	2610.0	38150	9.24	13

LTE BAND 41							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2498.5	39675	8.20	13	2501.0	39700	7.70	13
2593.0	40620	8.20	13	2593.0	40620	7.97	13
2687.5	41565	9.17	13	2685.0	41540	9.55	13
LTE BAND 41							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2503.5	39725	8.24	13	2506.0	39750	8.12	13
2593.0	40620	7.83	13	2593.0	40620	8.46	13
2682.5	41515	7.25	13	2680.0	41490	8.45	13

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LTE BAND 66							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	Peak-to-		Freq. (MHz)	CH	Peak-to-	
		16QAM	Limit			16QAM	Limit
1710.7	131979	6.20	13	1711.5	131987	5.35	13
1745.0	132322	6.21	13	1745.0	132322	5.41	13
1779.3	132665	6.00	13	1778.5	132657	6.14	13

LTE BAND 66							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	Peak-to-		Freq. (MHz)	CH	Peak-to-	
		16QAM	Limit			16QAM	Limit
1712.5	131997	6.00	13	1715.0	132022	5.99	13
1745.0	132322	6.15	13	1745.0	132322	5.96	13
1777.5	132647	6.04	13	1775.0	132622	6.00	13

LTE BAND 66							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	Peak-to-		Freq. (MHz)	CH	Peak-to-	
		16QAM	Limit			16QAM	Limit
1717.5	132047	6.63	13	1720.0	132072	6.93	13
1745.0	132322	6.62	13	1745.0	132322	7.21	13
1772.5	132597	6.70	13	1770.0	132572	7.35	13

Measurement Results:

Please refer to next page for test plots.

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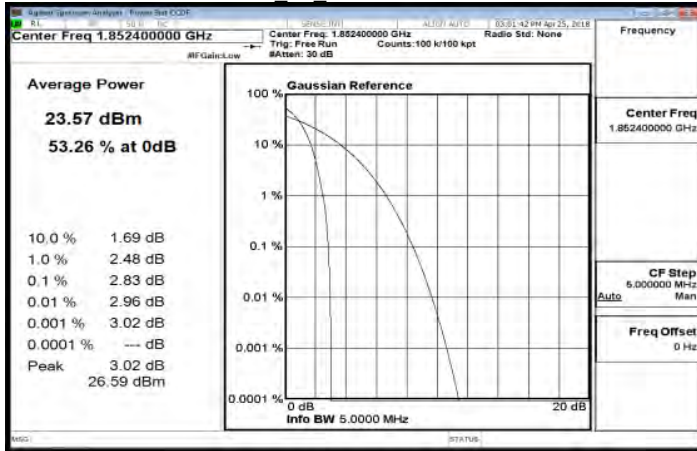
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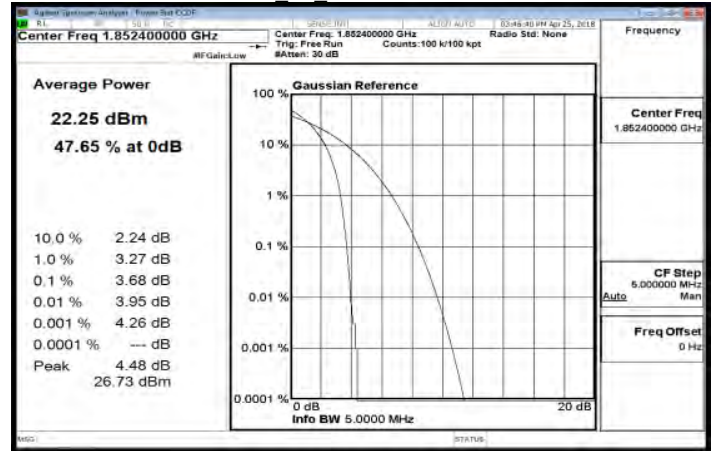
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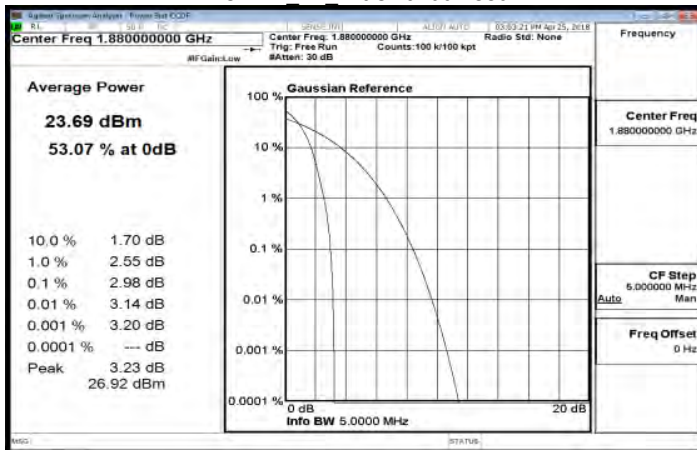
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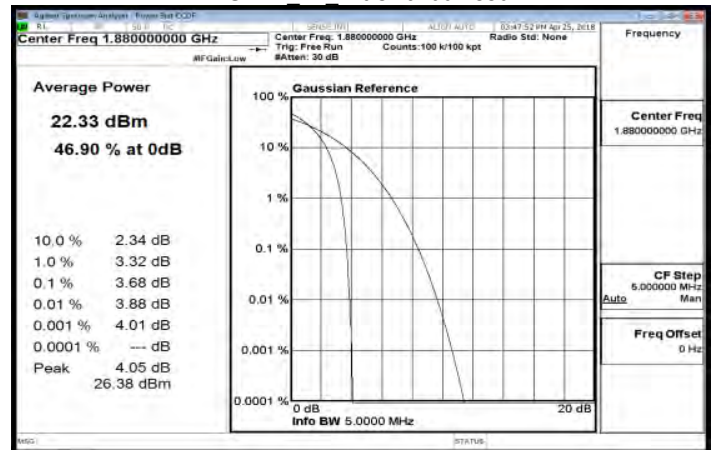
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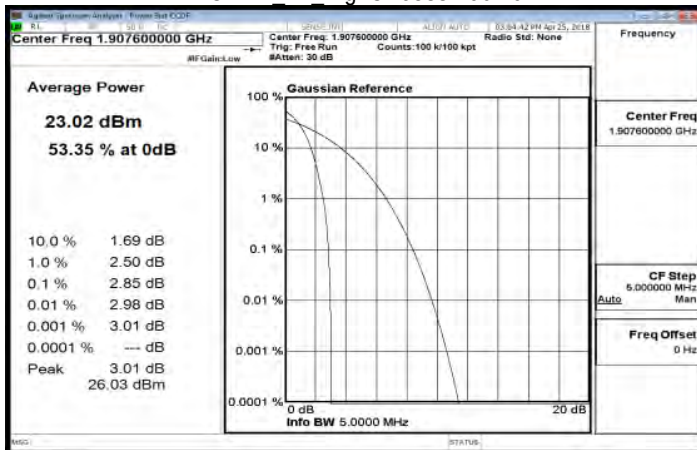
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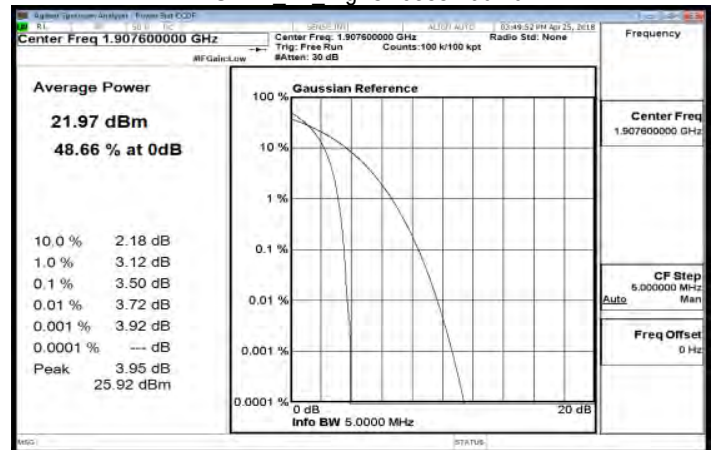
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HSDPA B2 HighCH9538-1907.6



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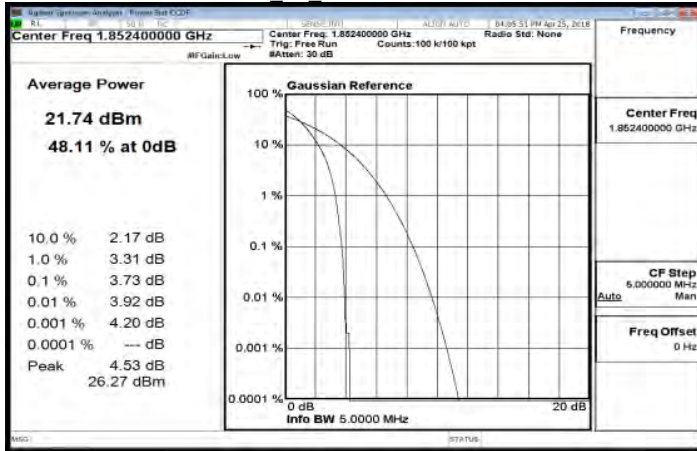
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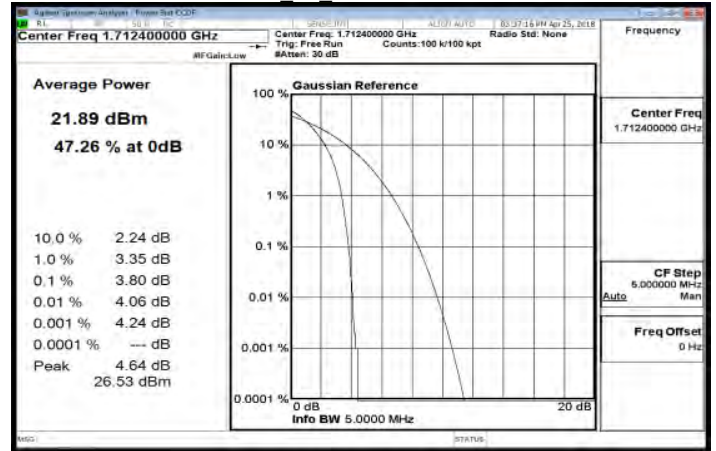
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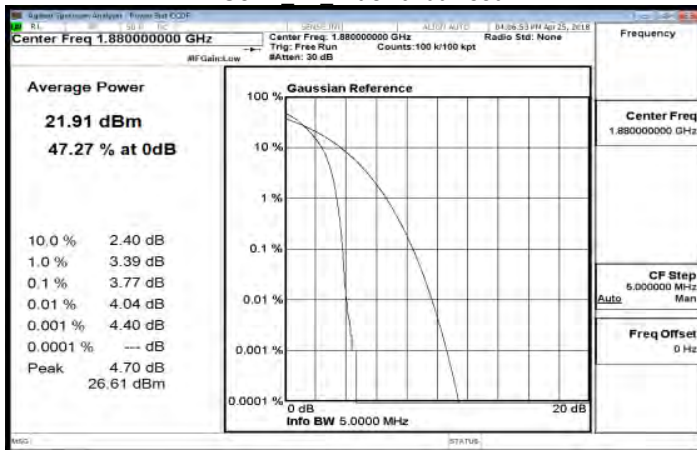
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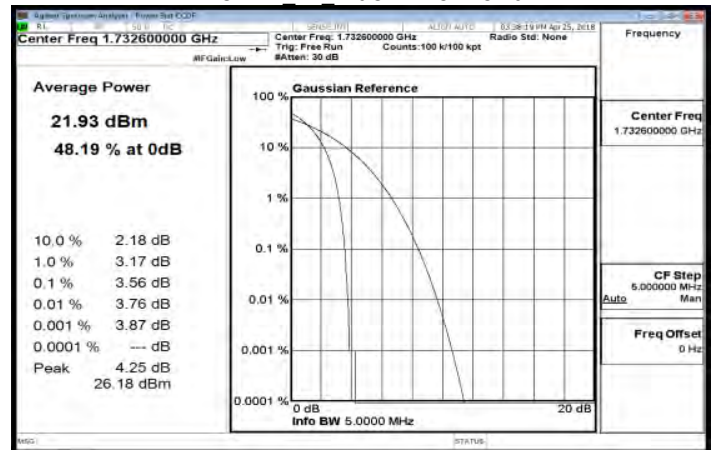
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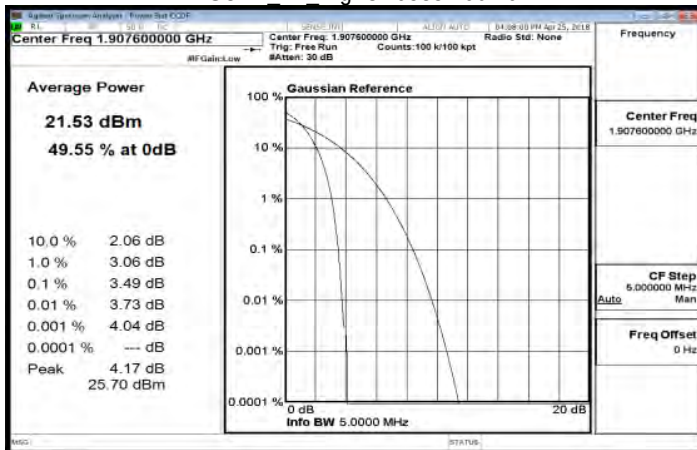
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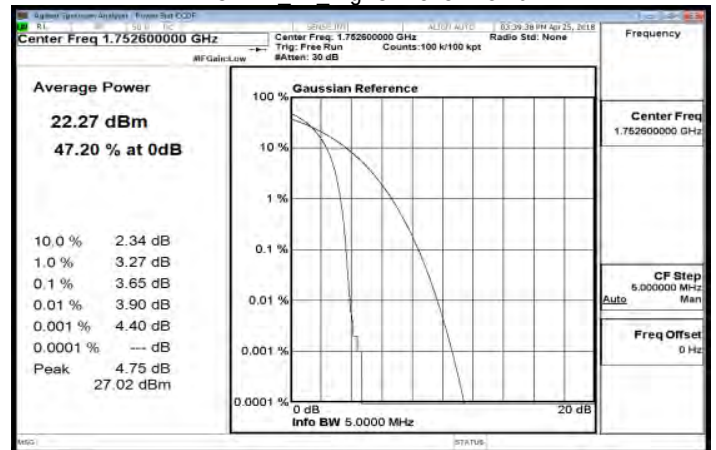
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HSUPA B2 HighCH9538-1907.6



WCDMA B4 HighCH1513-1752.6



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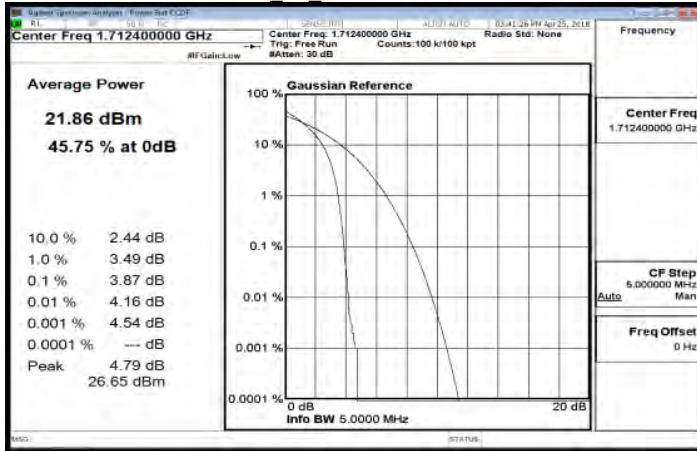
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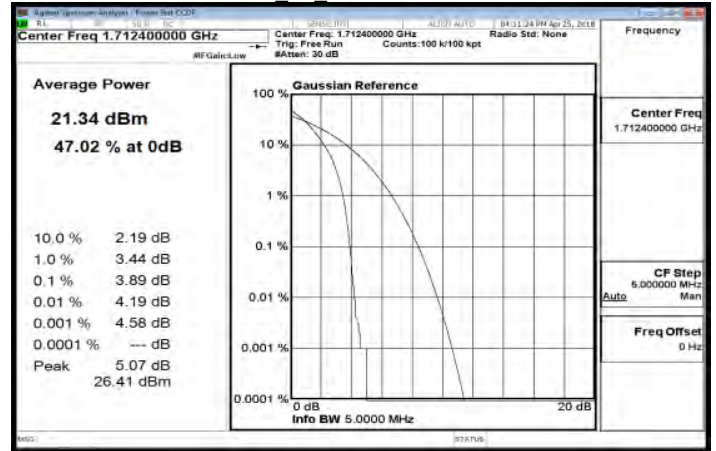
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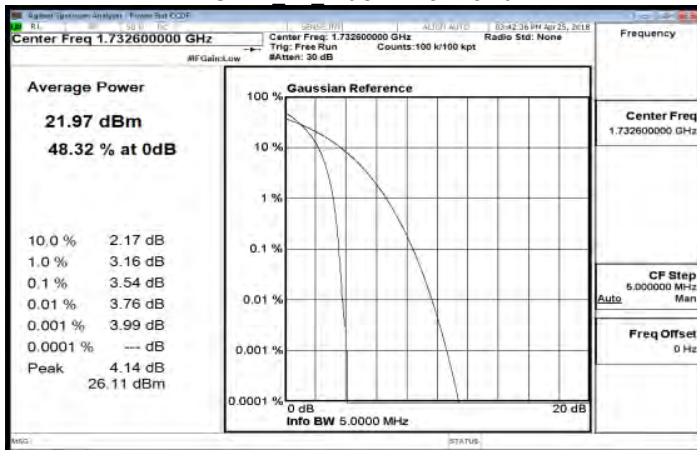
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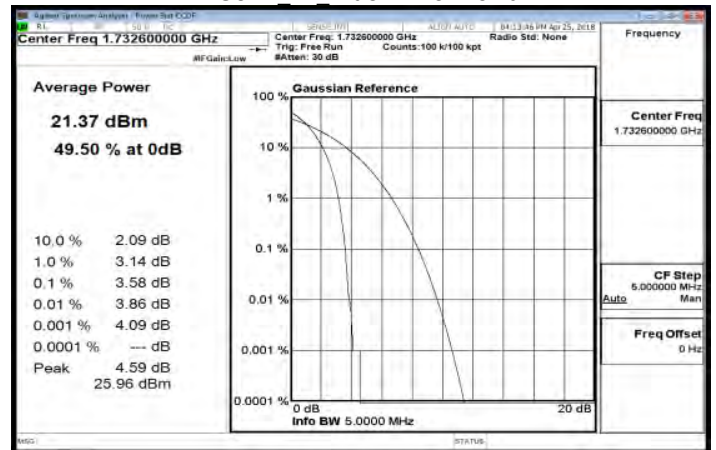
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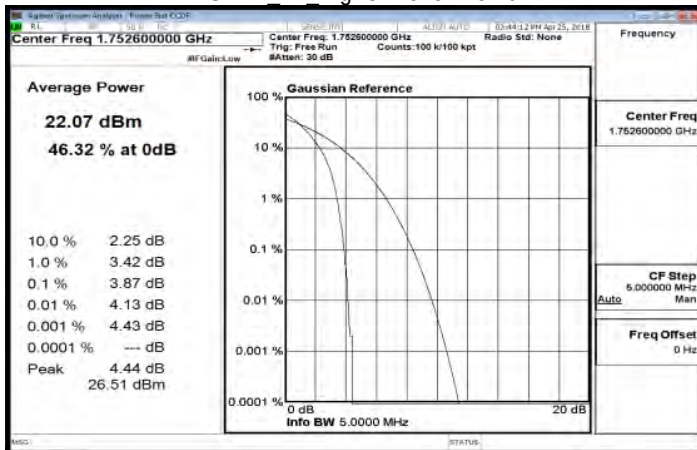
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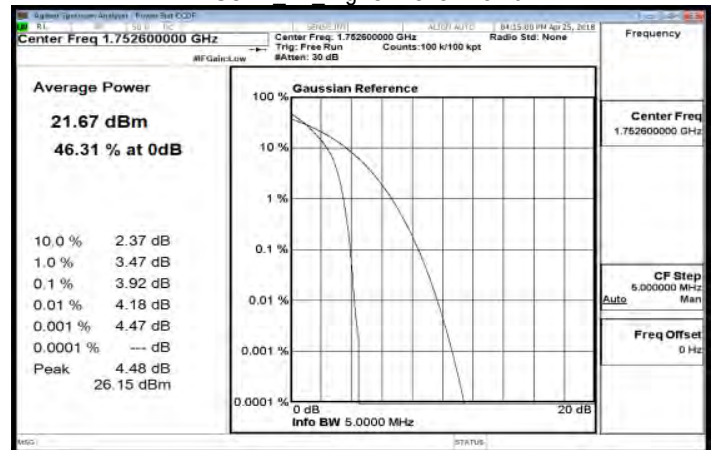
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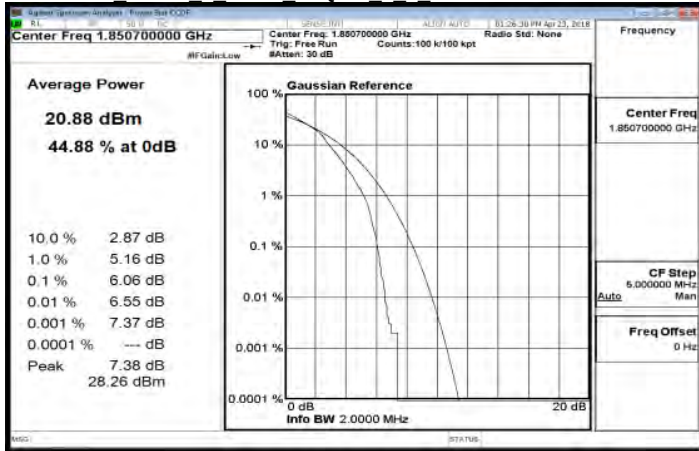
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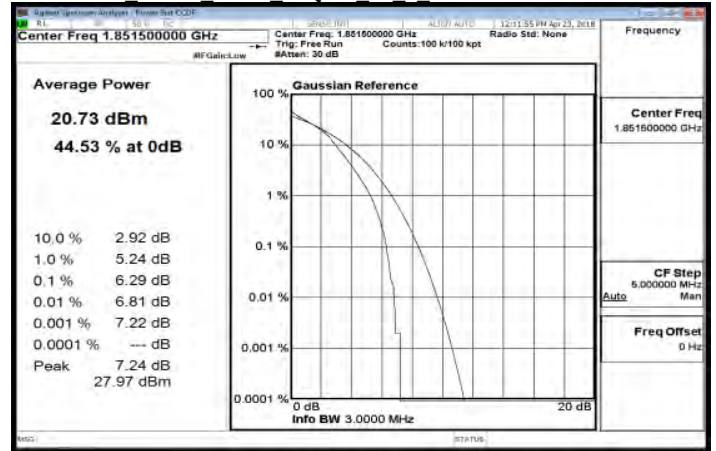
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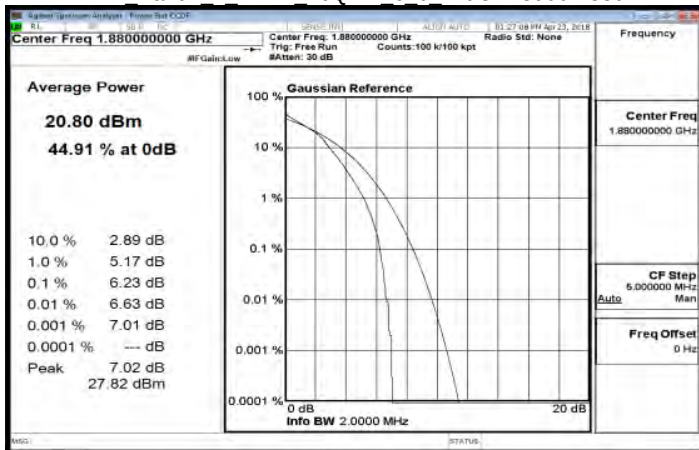
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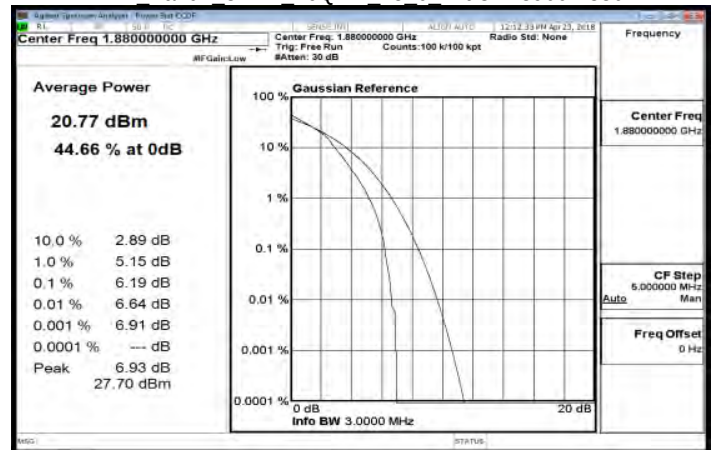
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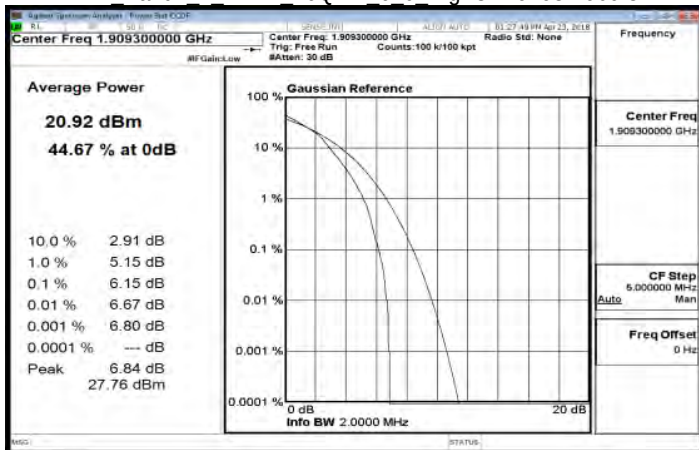
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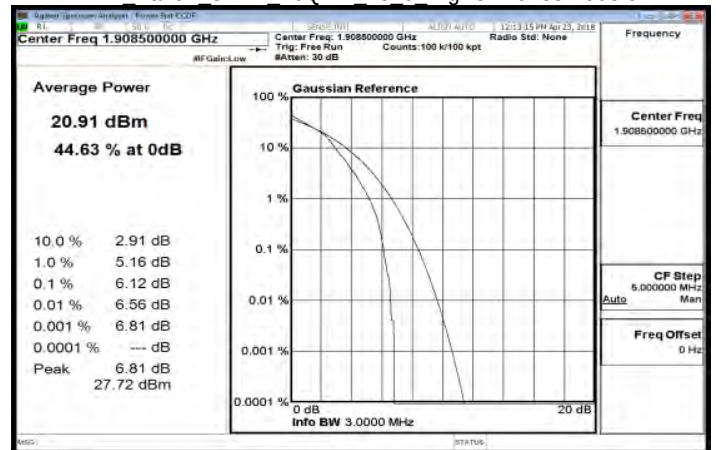
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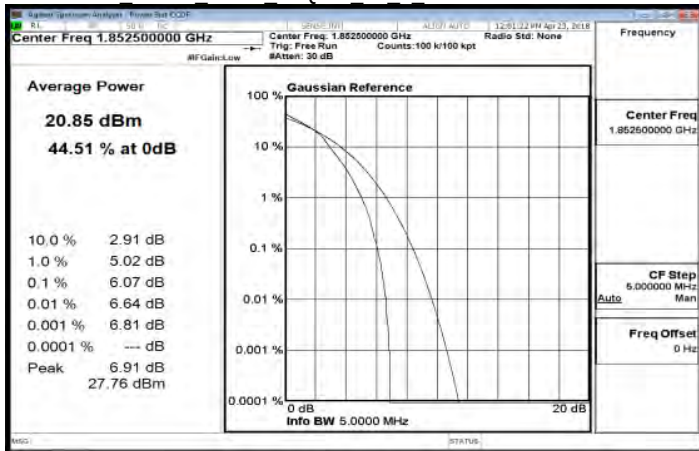
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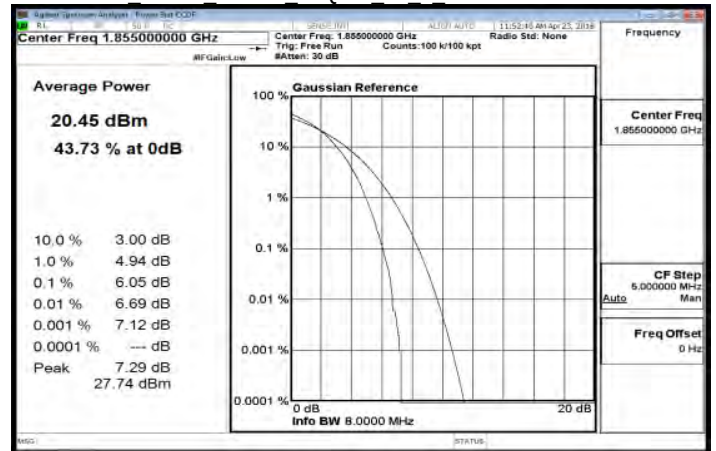
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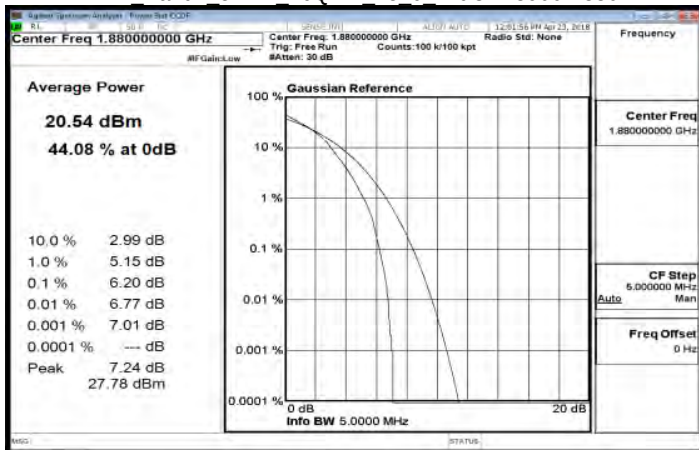
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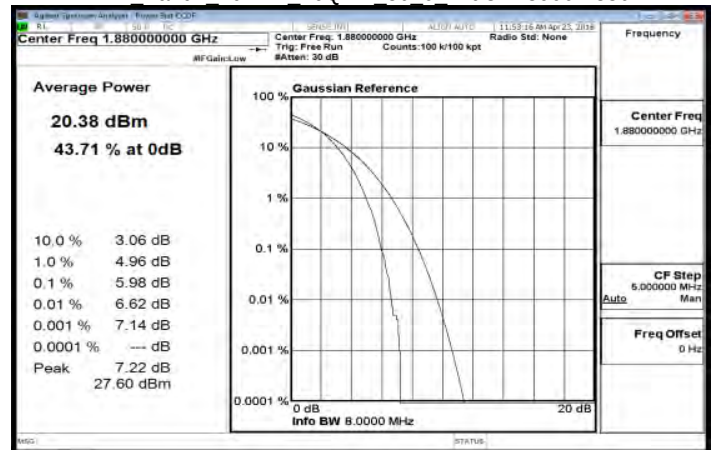
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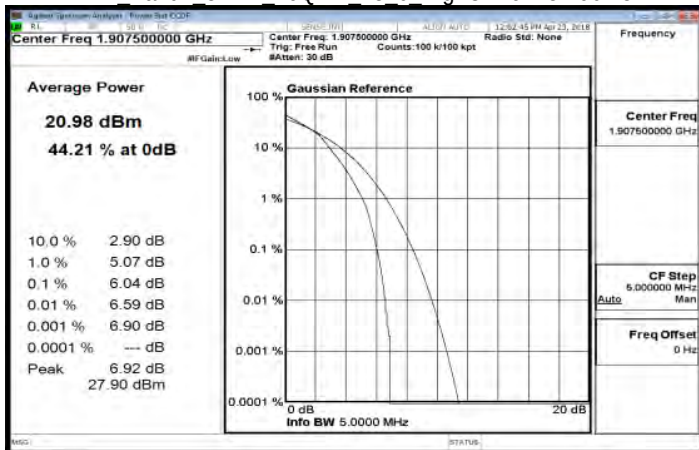
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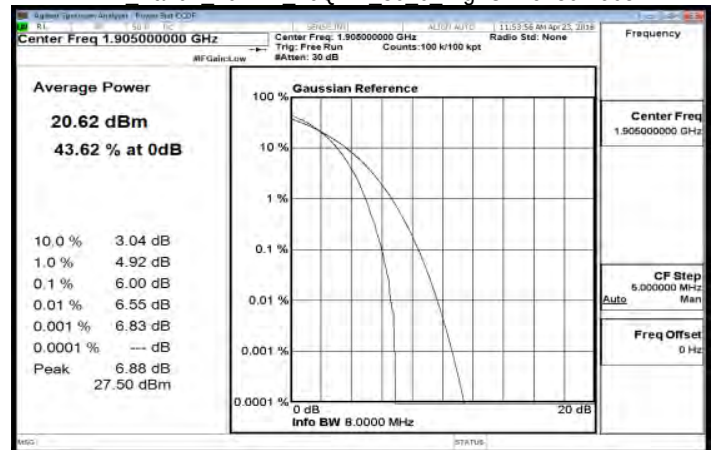
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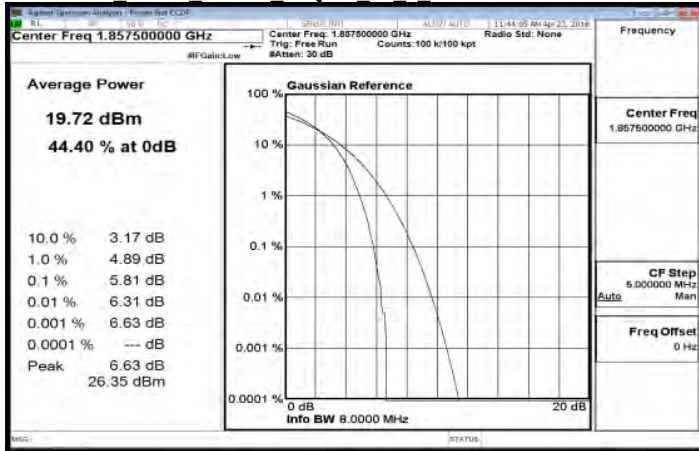
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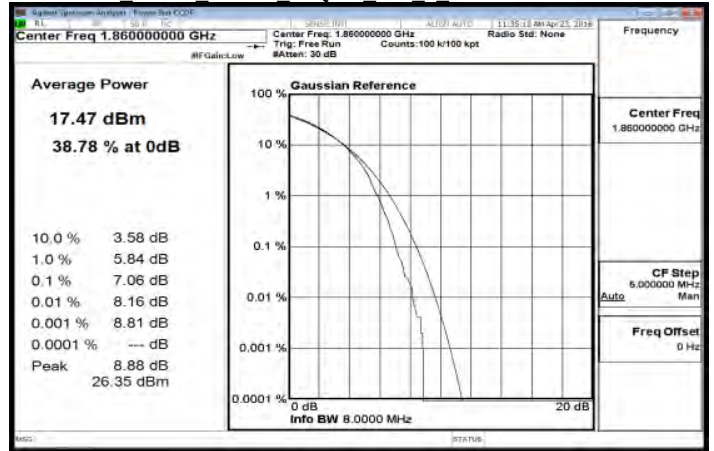
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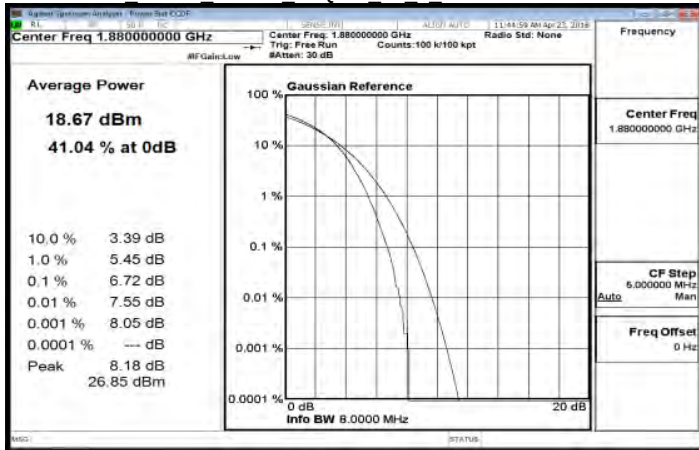
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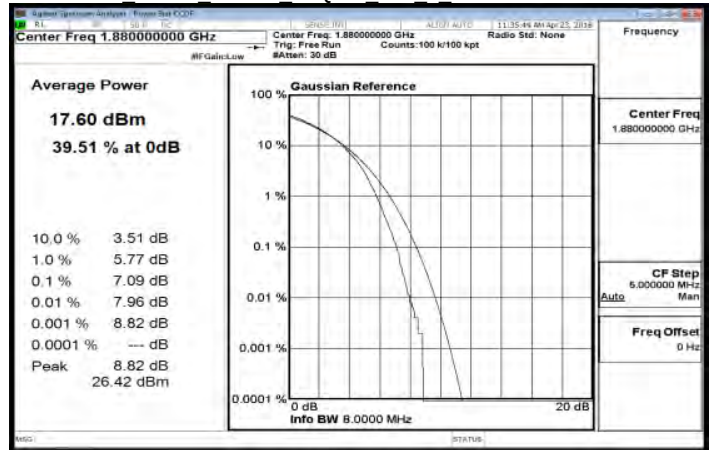
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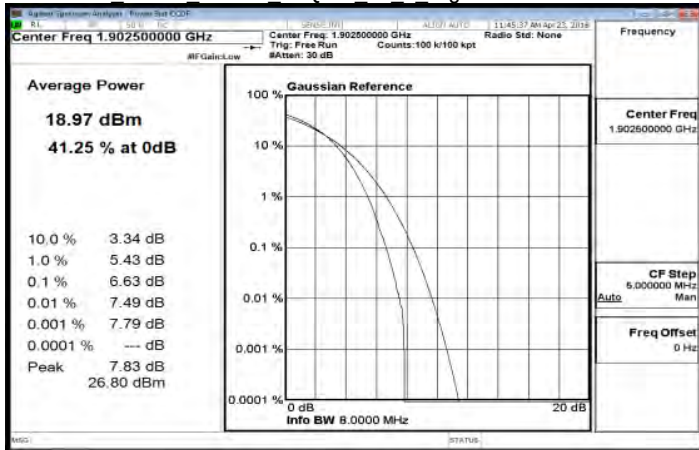
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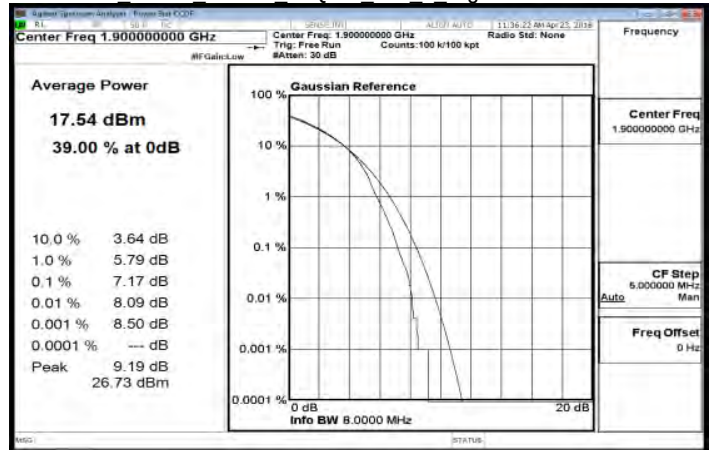
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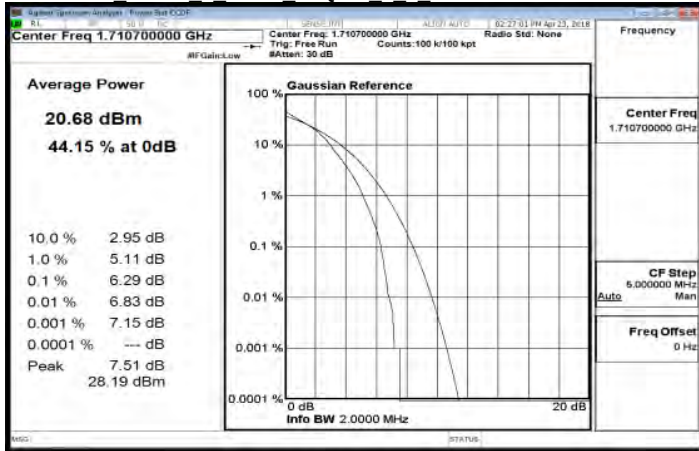
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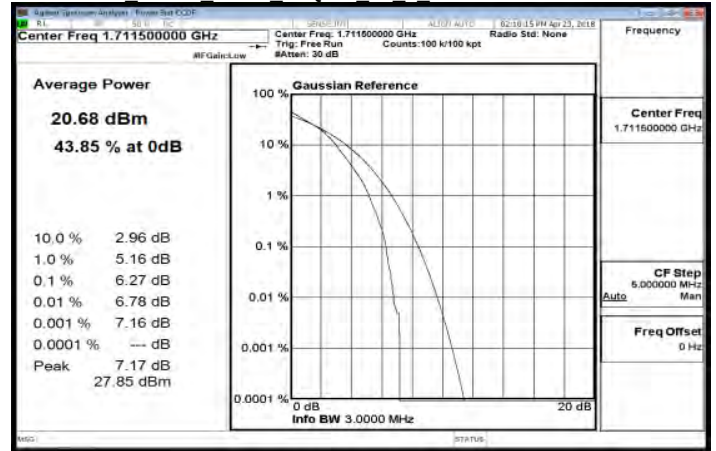
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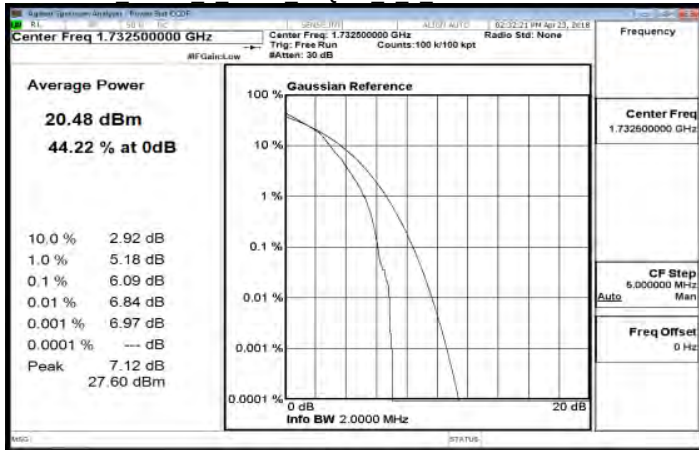
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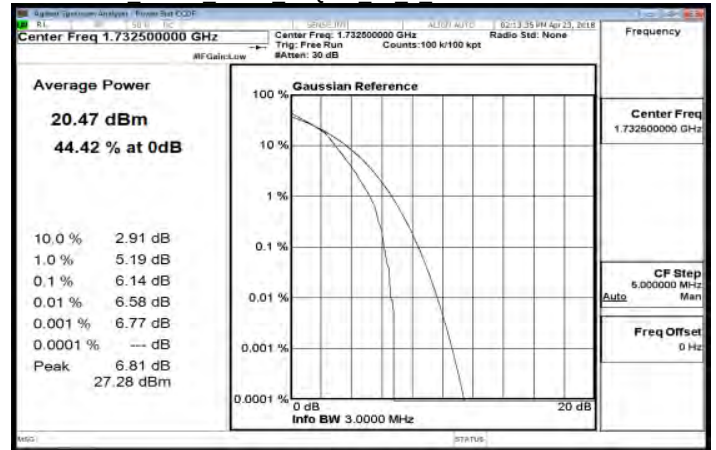
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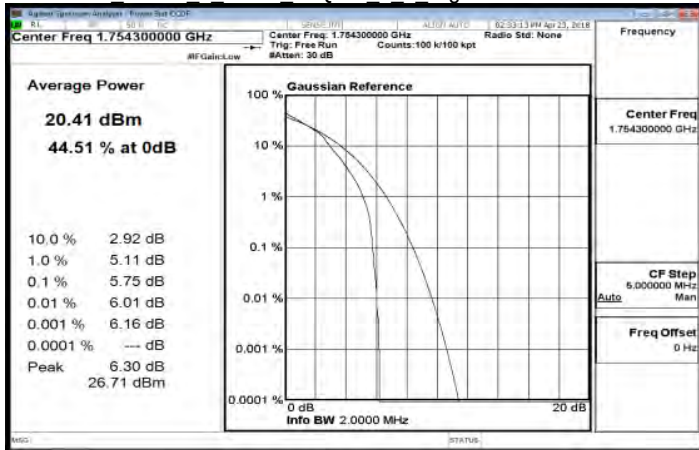
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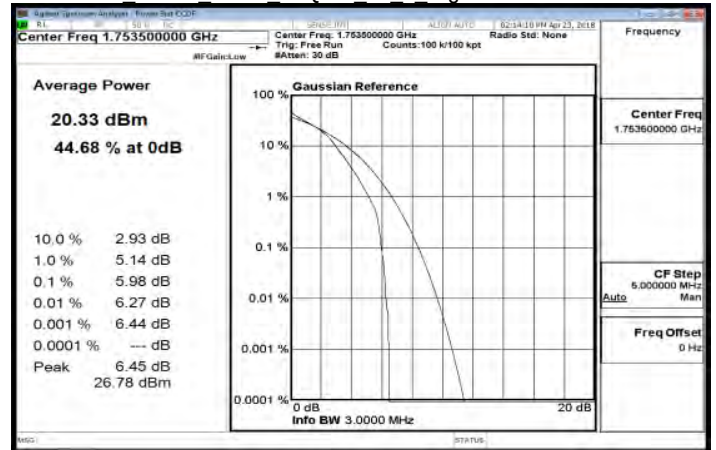
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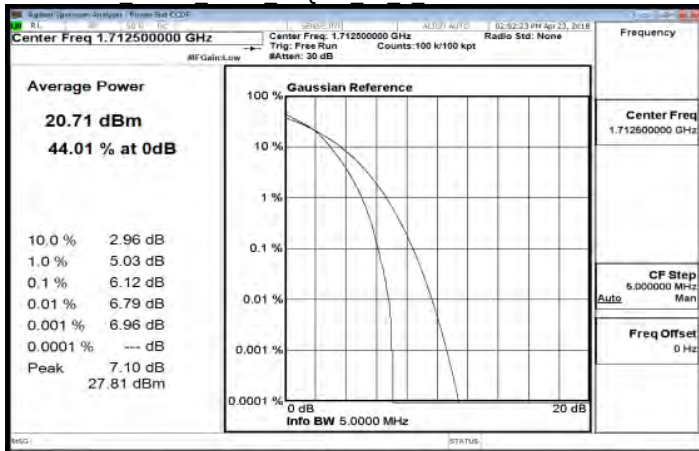
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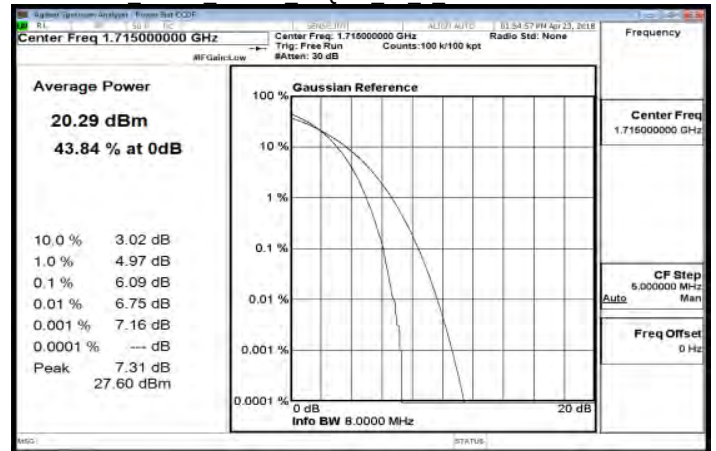
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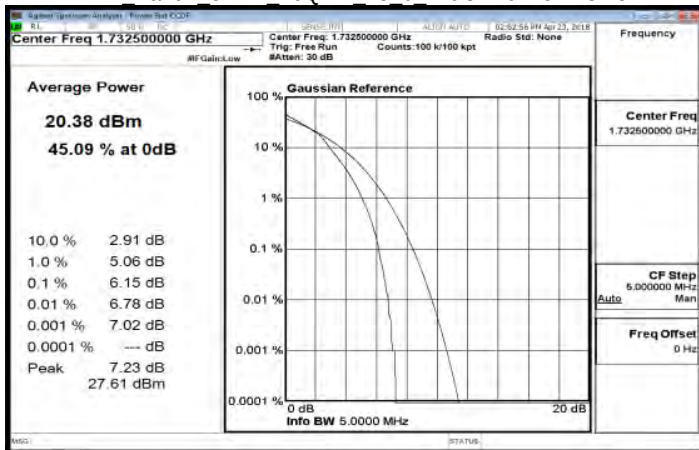
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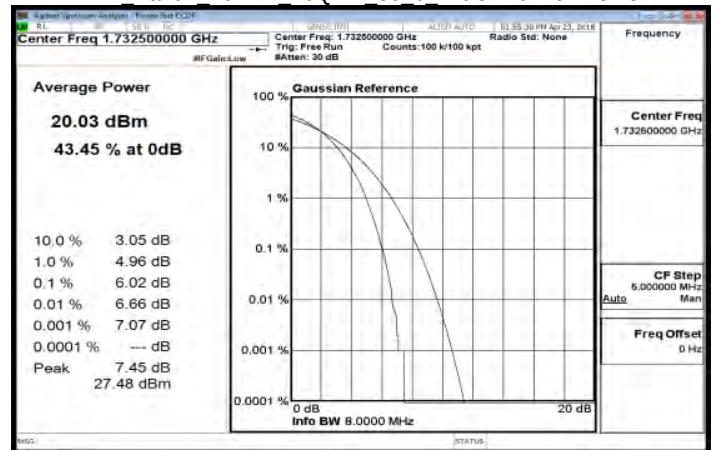
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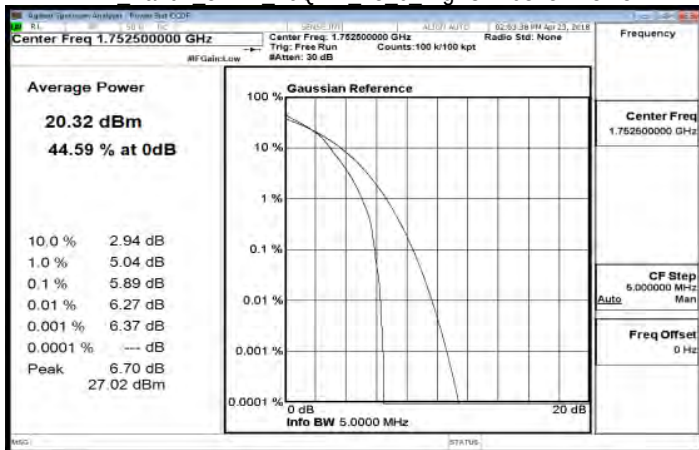
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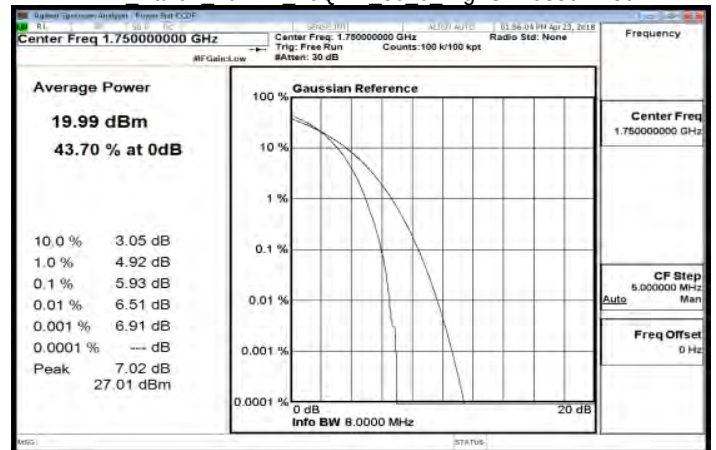
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LTE Band4 10MHz 16QAM 50 0 HighCH20350-1750



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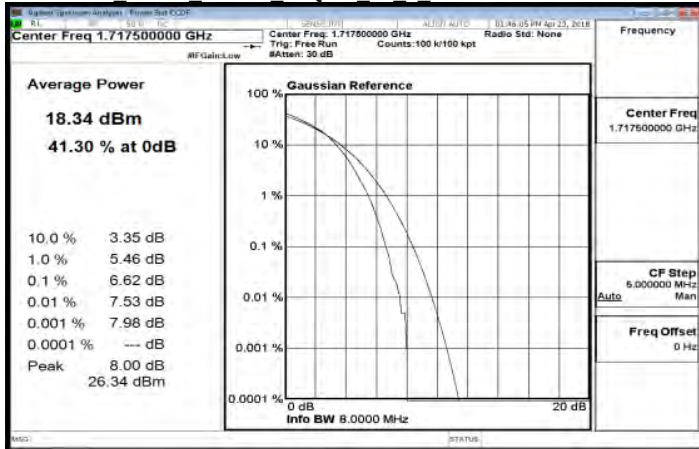
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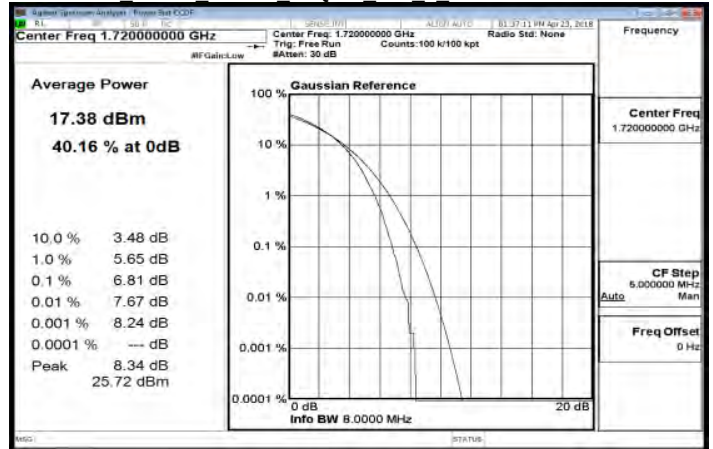
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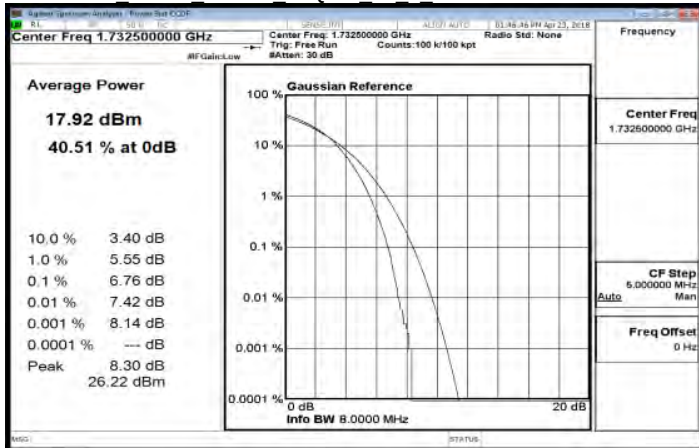
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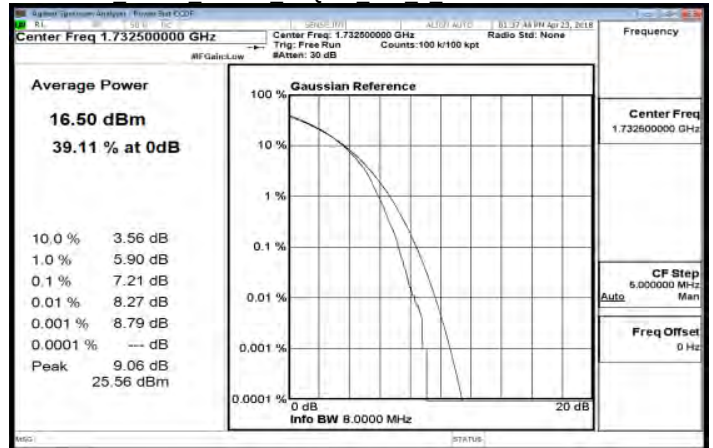
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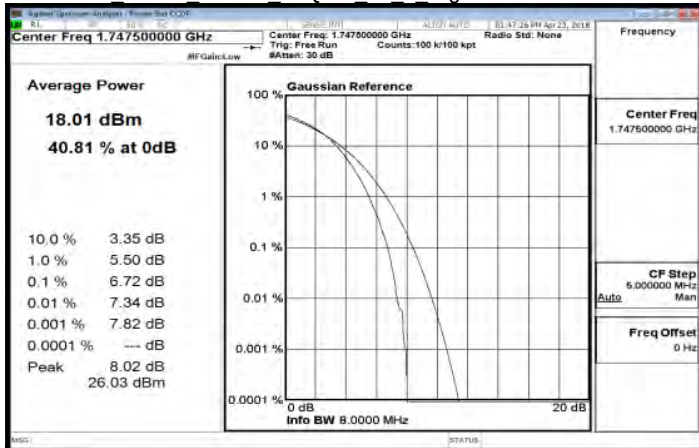
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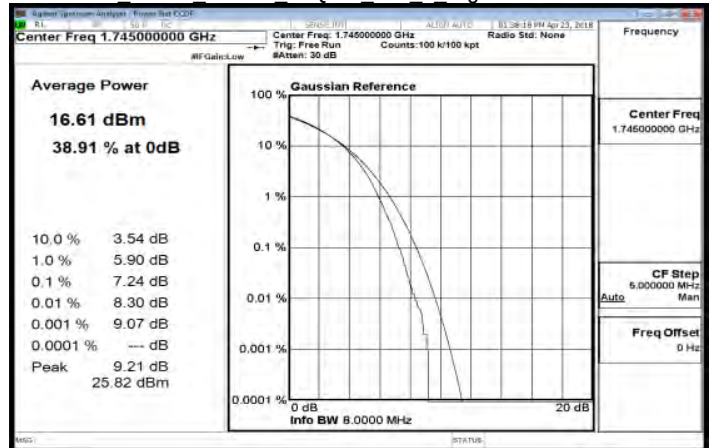
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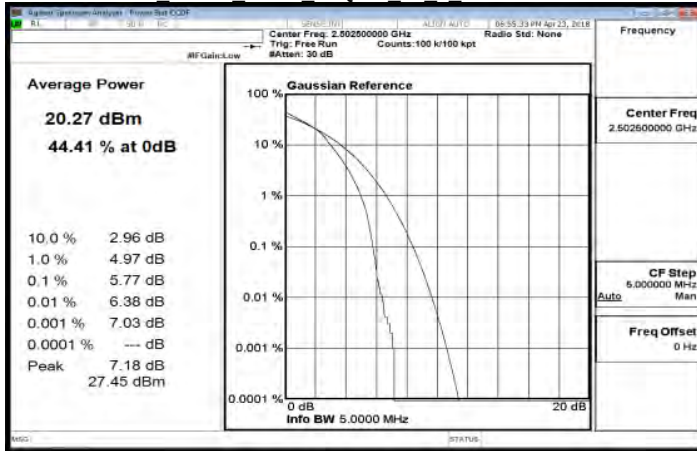
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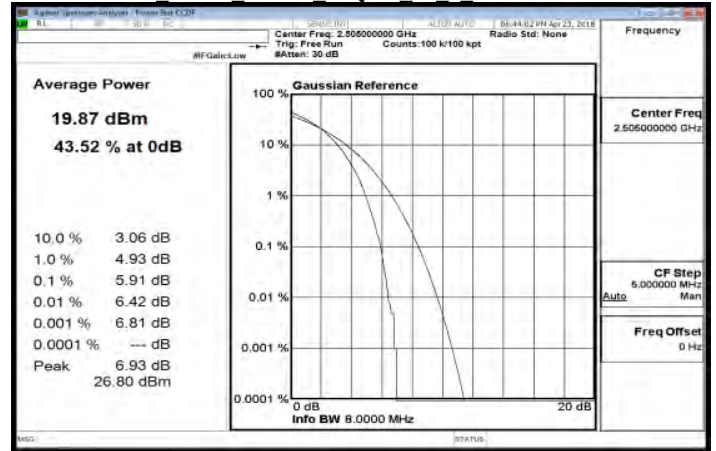
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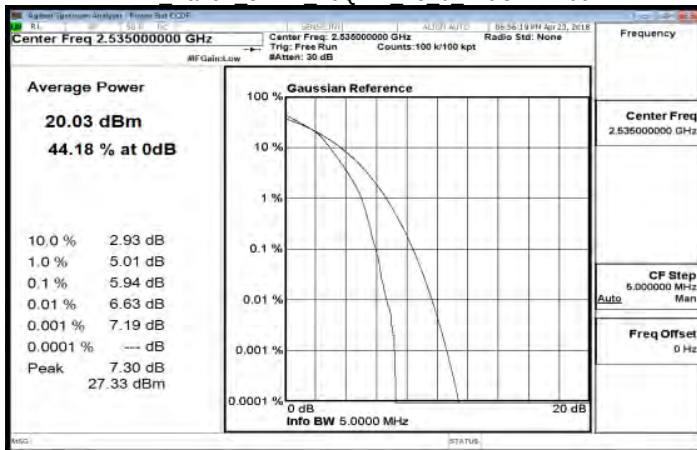
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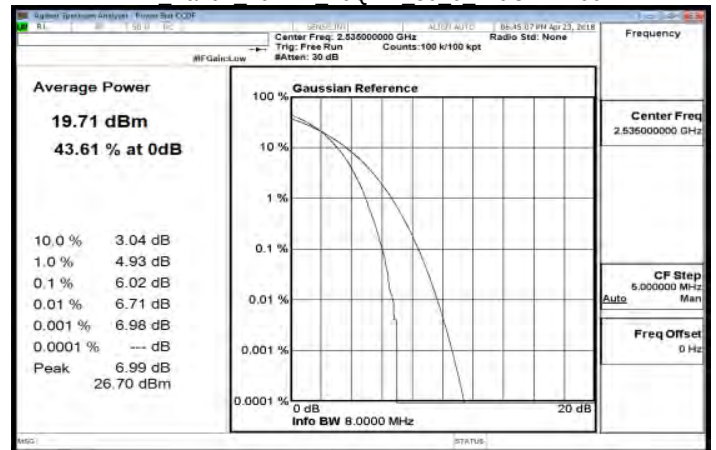
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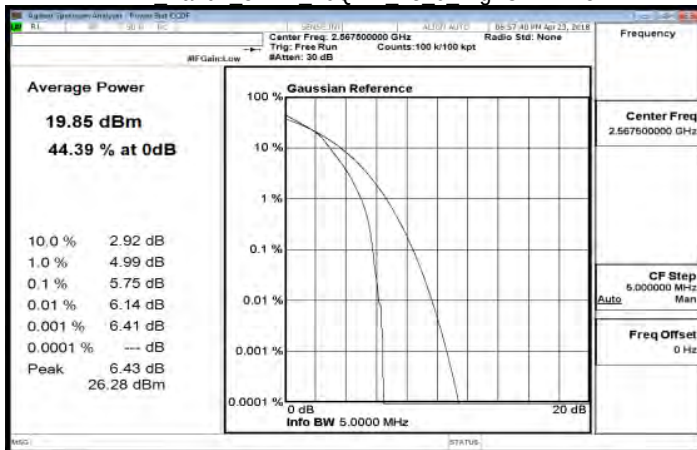
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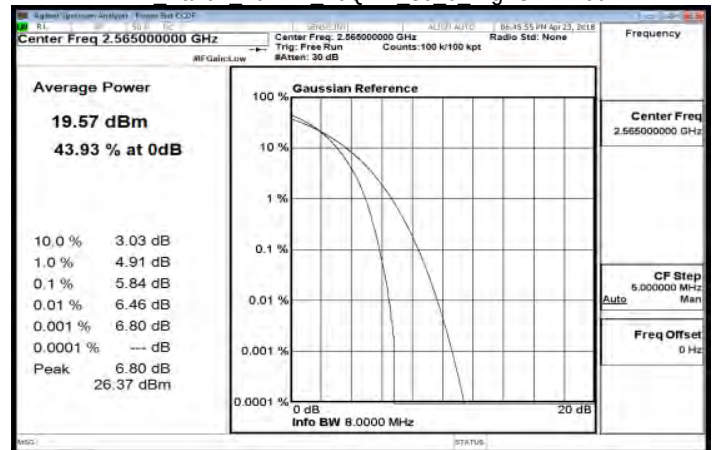
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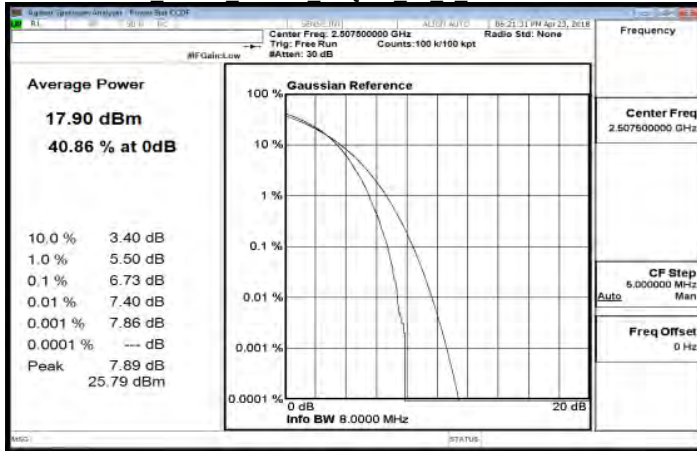
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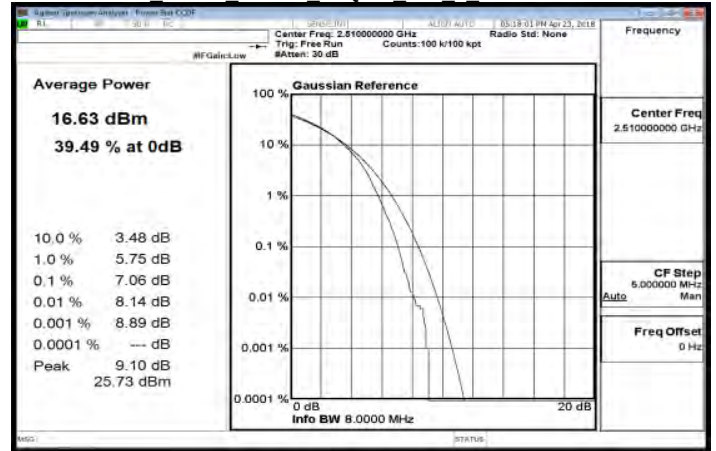
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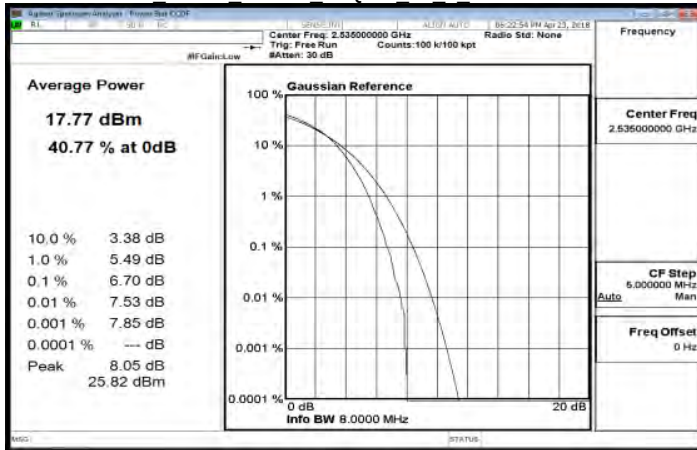
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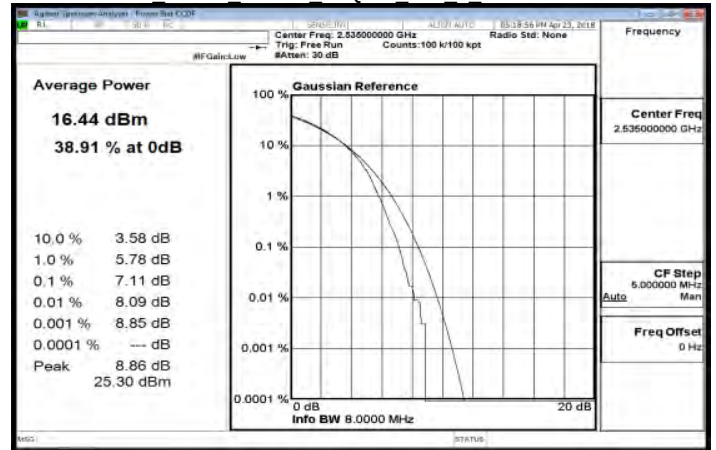
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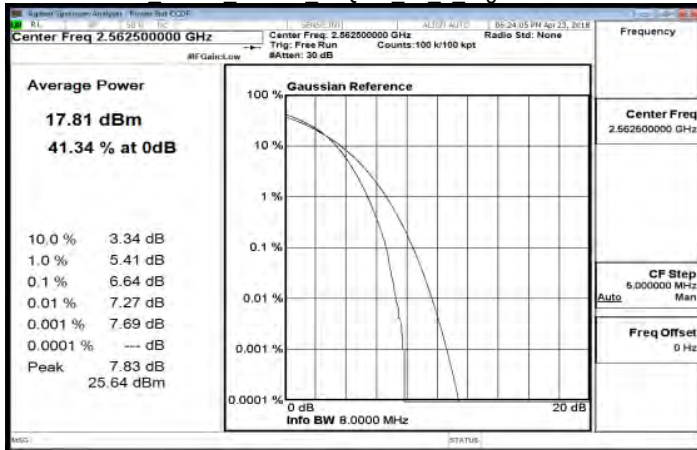
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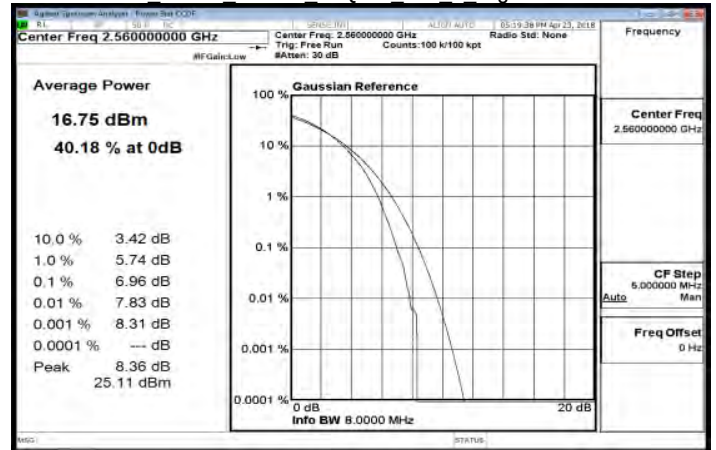
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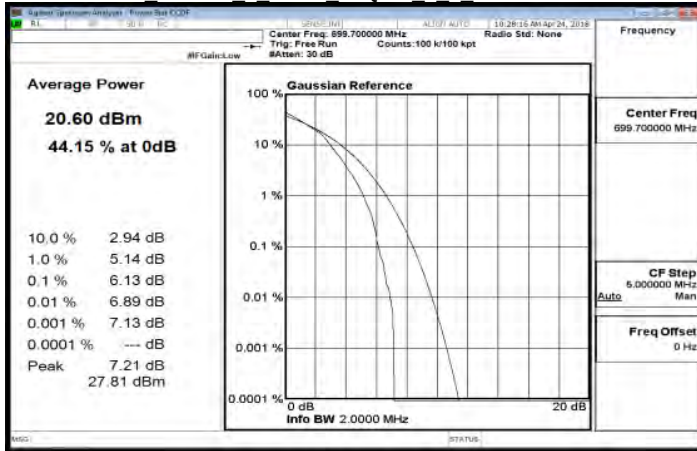
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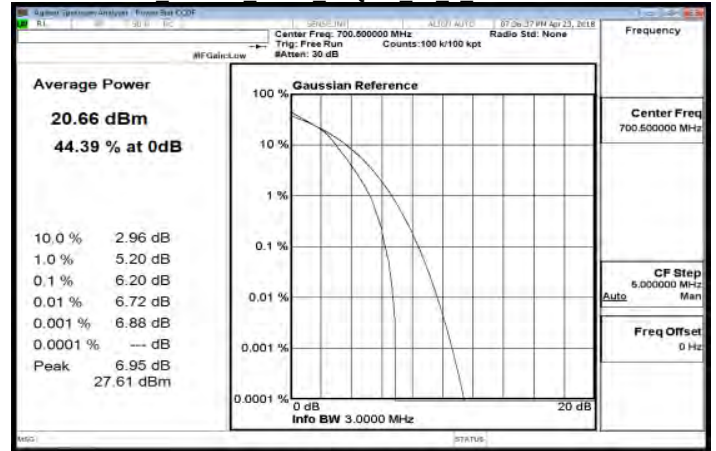
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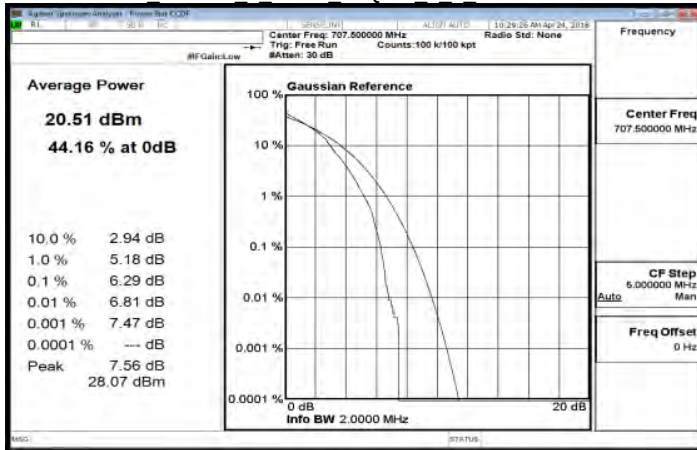
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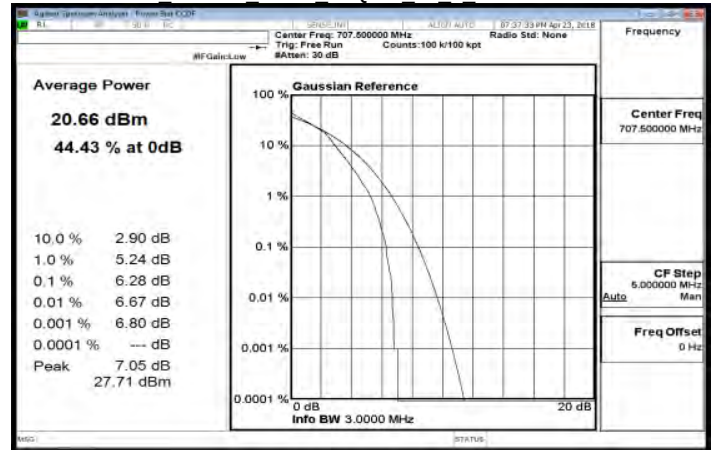
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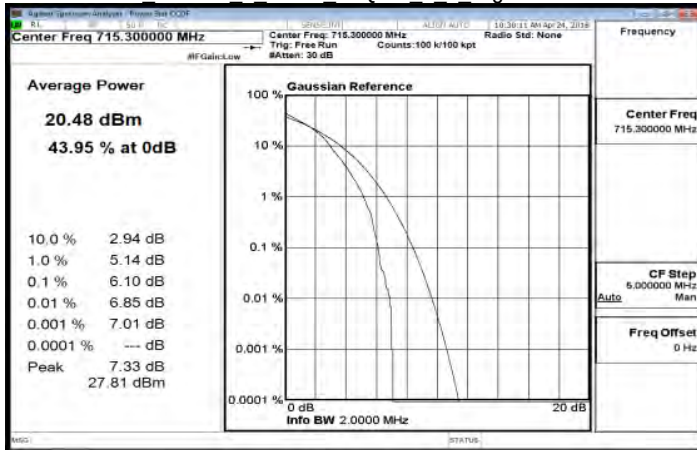
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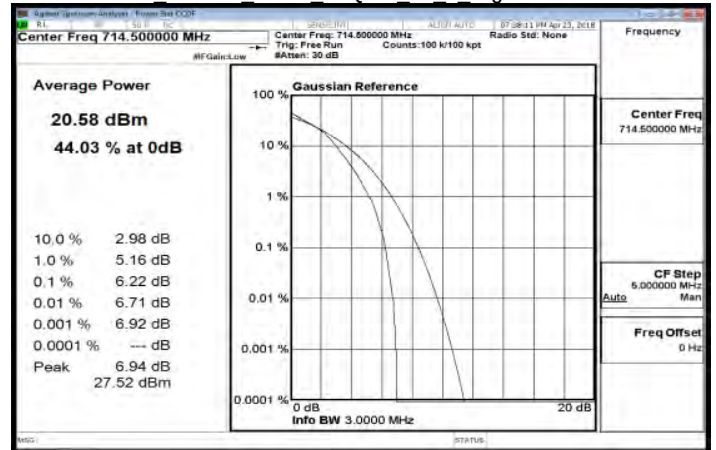
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LTE Band12 3MHz 16QAM 15 0 HighCH23165



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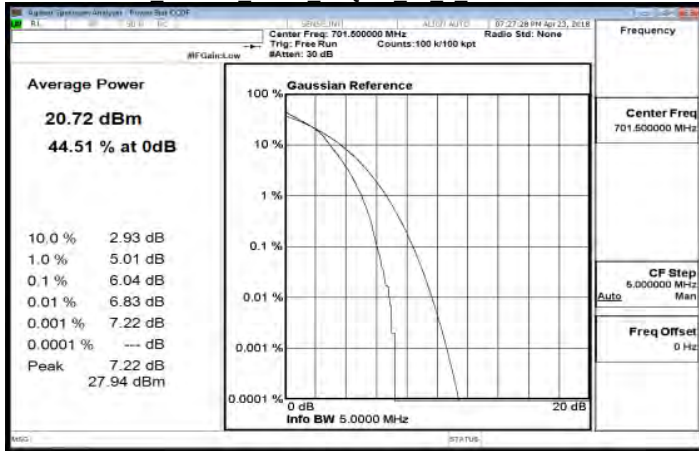
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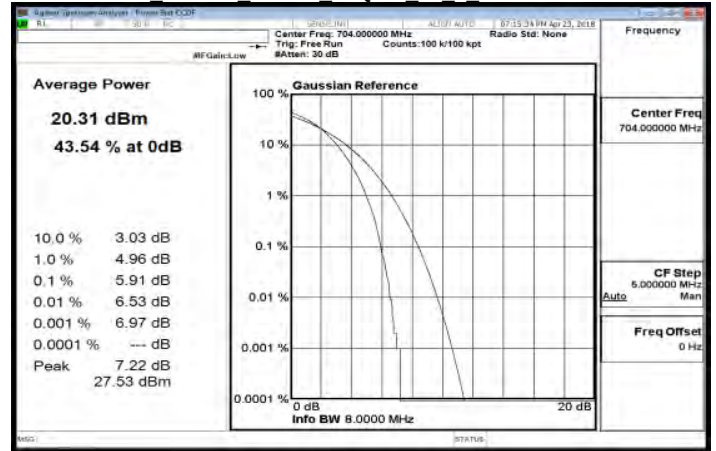
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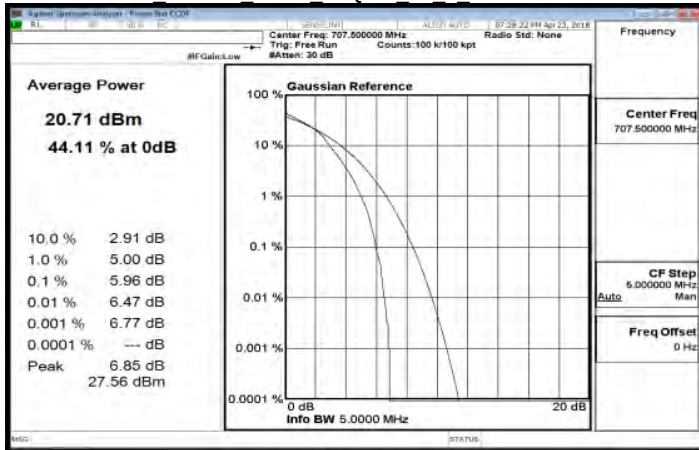
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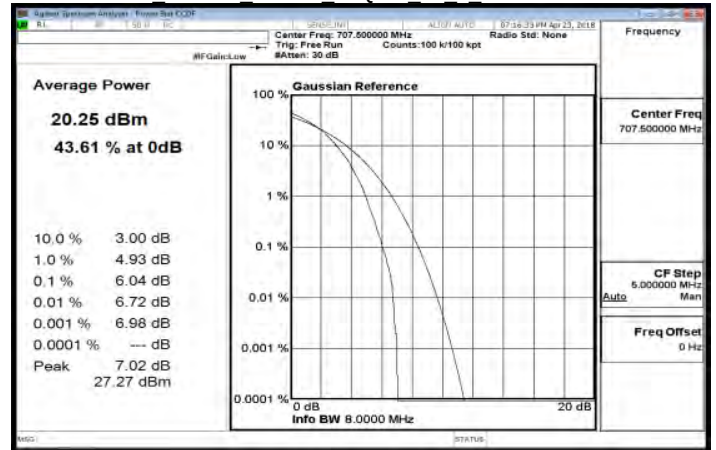
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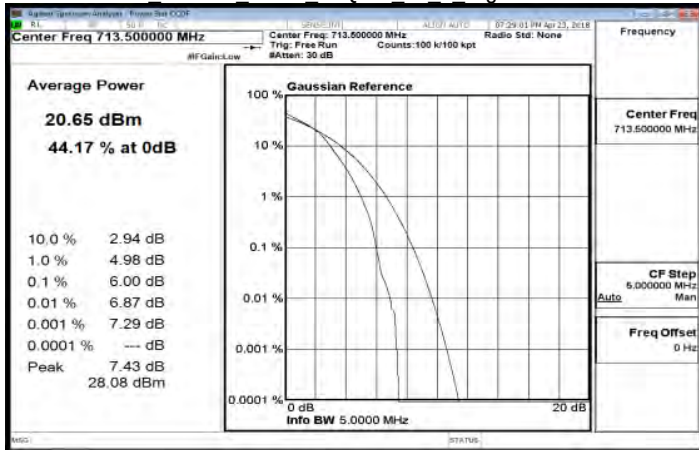
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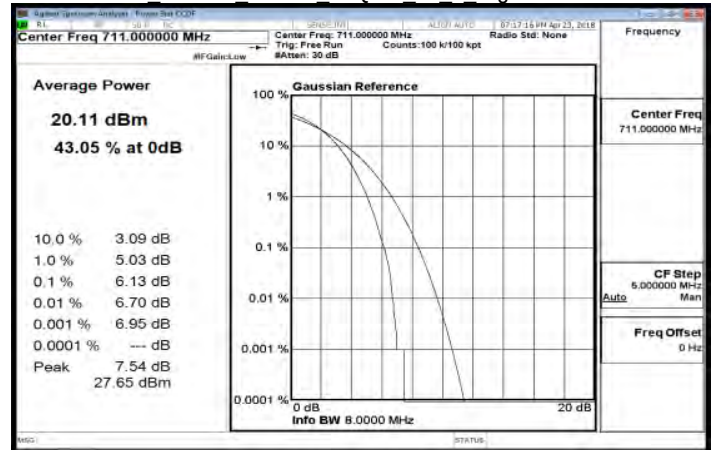
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LTE Band12 5MHz 16QAM 25 0 HighCH23155



LTE Band12 10MHz 16QAM 50 0 HighCH23130



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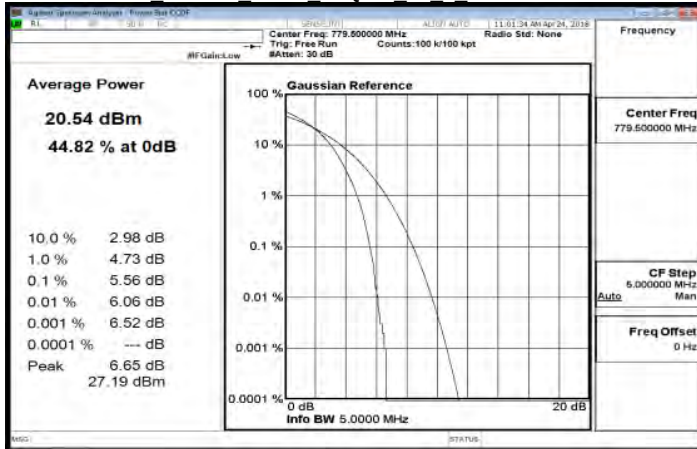
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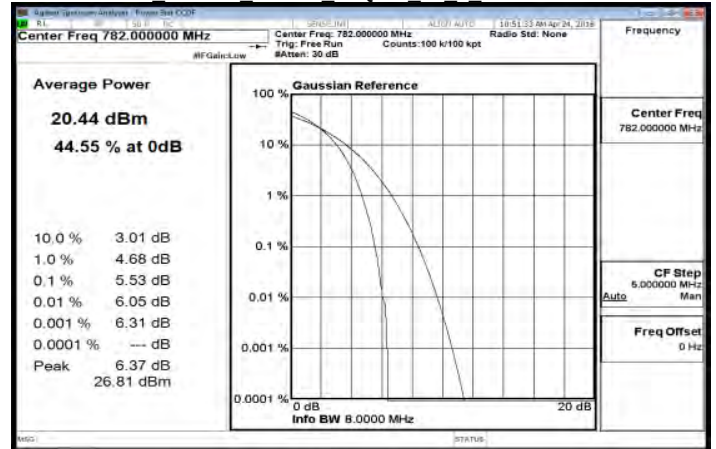
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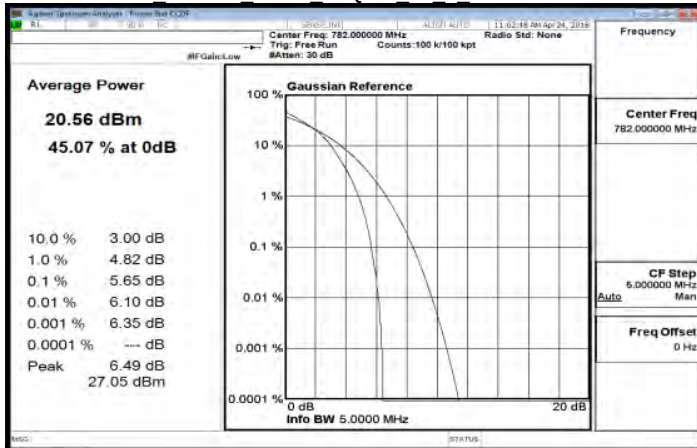
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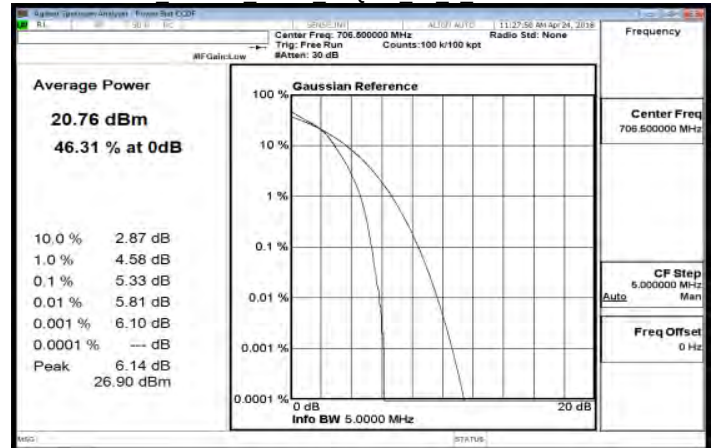
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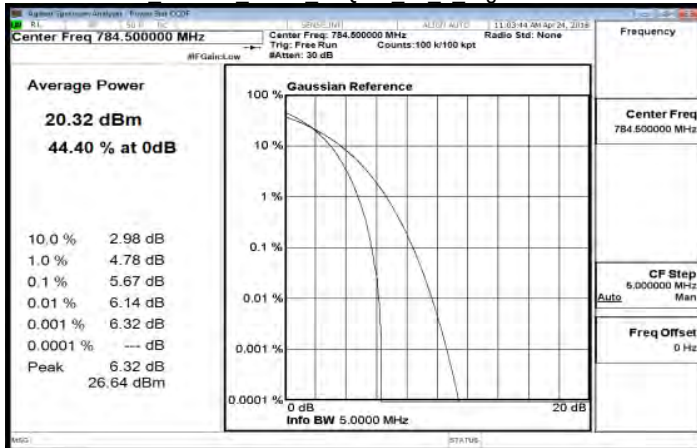
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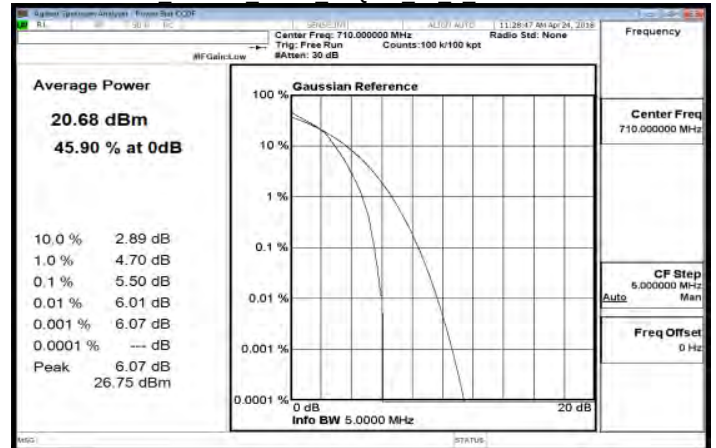
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LTE Band13 5MHz 16QAM 25 0 HighCH23255



LTE Band17 5MHz 16QAM 25 0 MidCH23790



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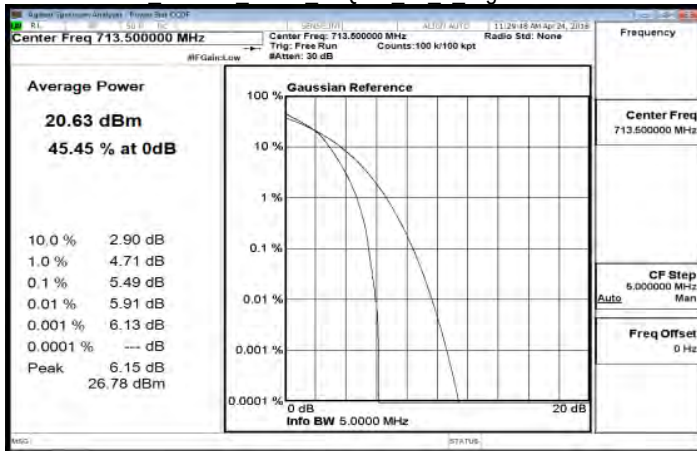
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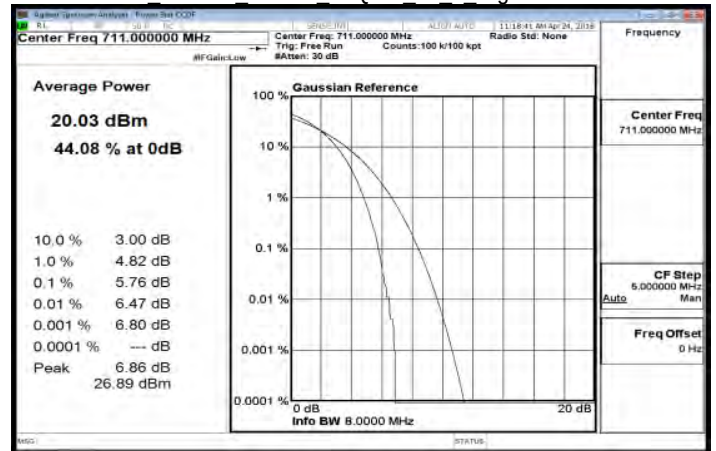
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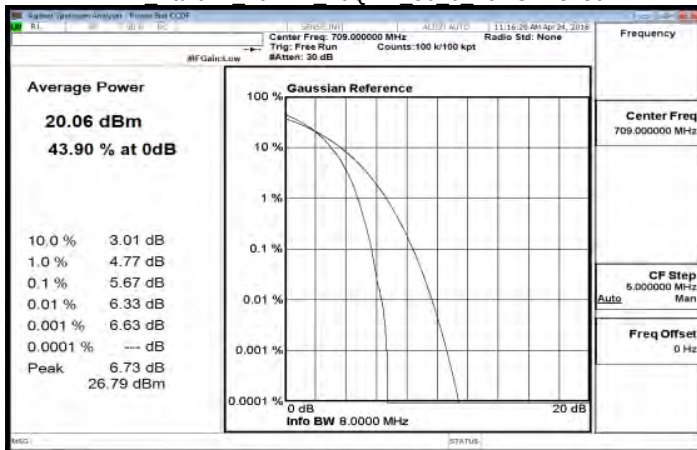
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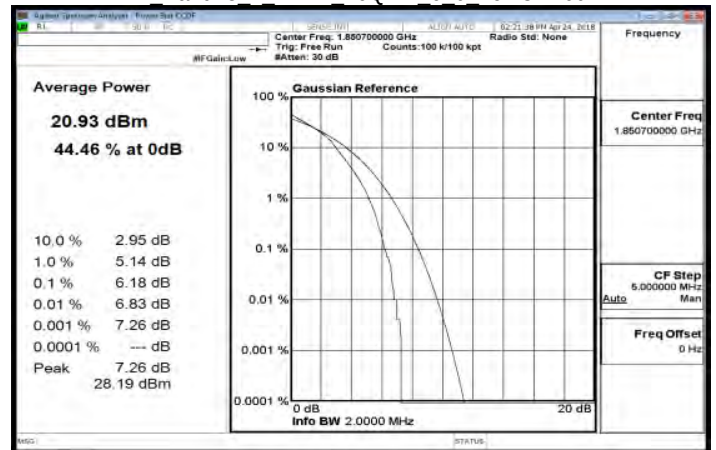
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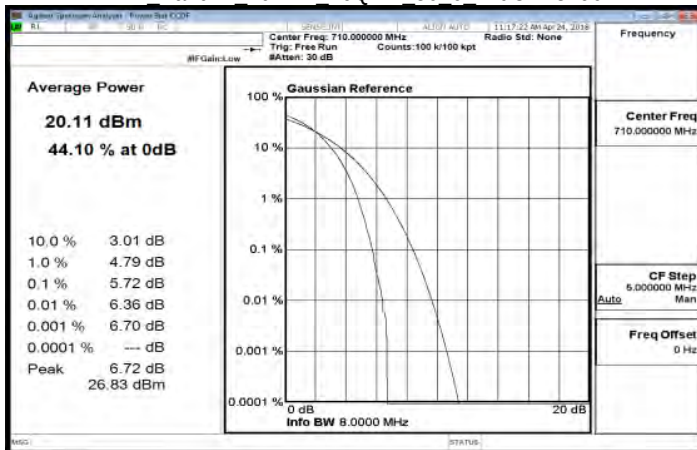
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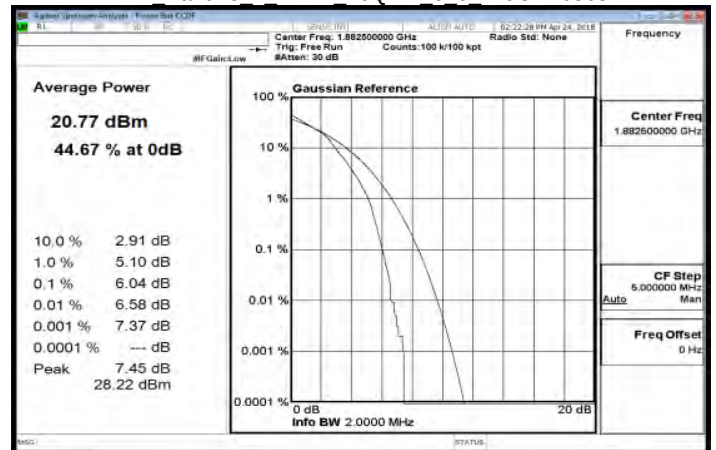
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LTE Band17 10MHz 16QAM 50 0 MidCH23790



LTE Band25 1 4MHz 16QAM 6 0 MidCH26365



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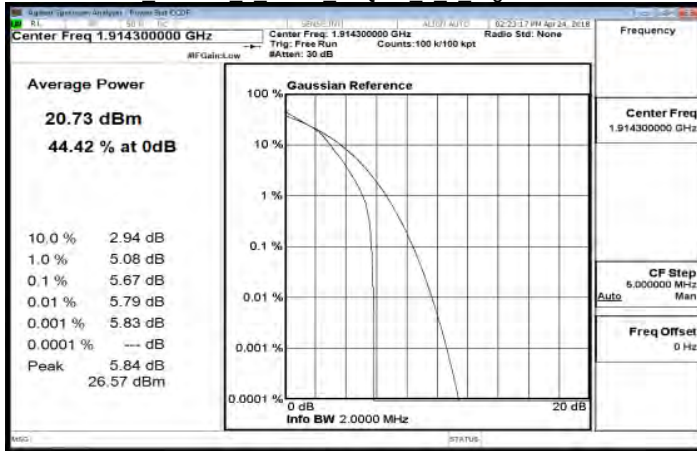
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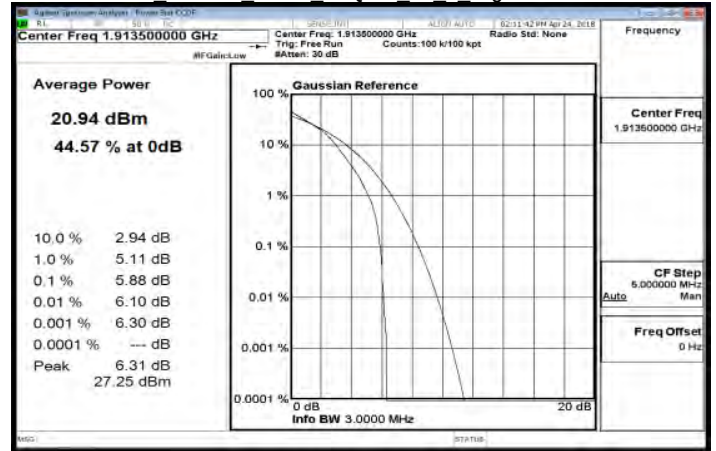
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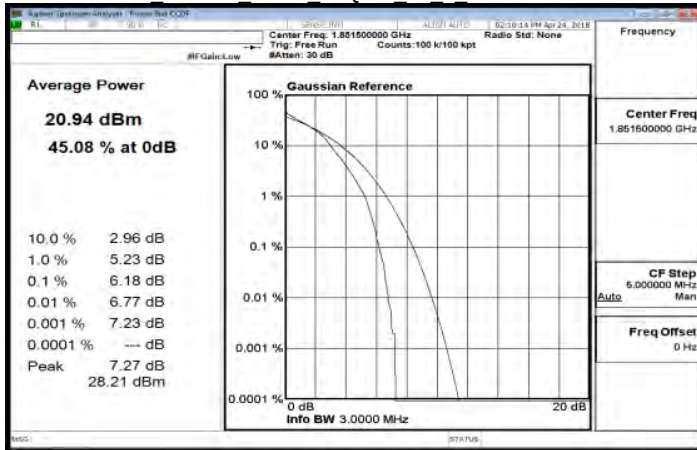
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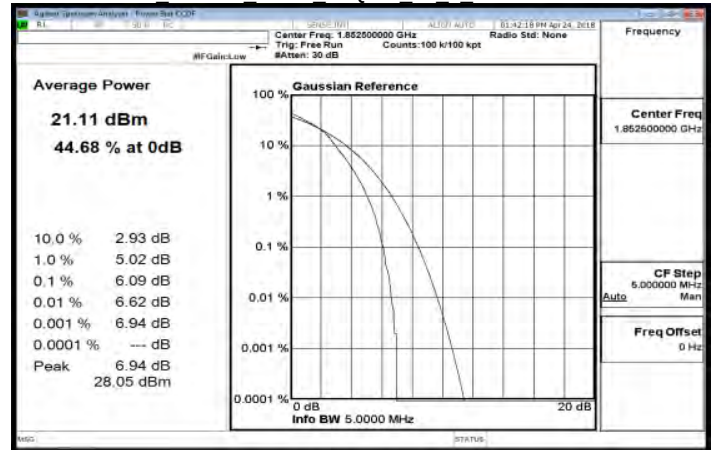
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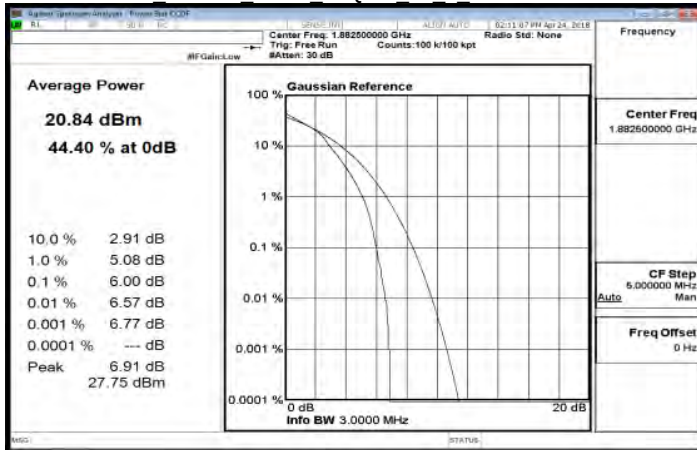
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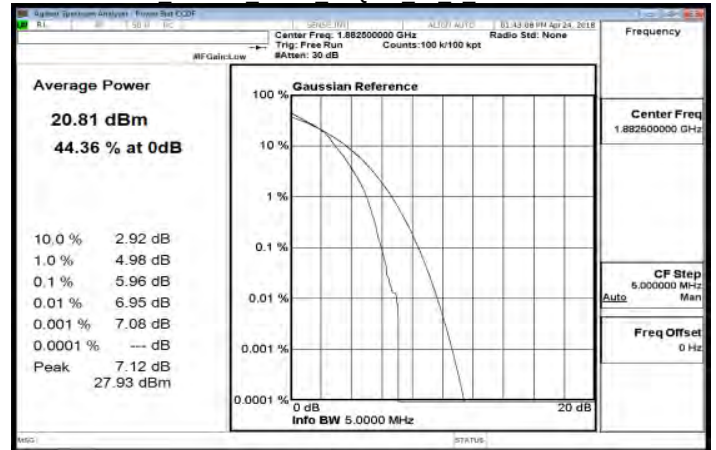
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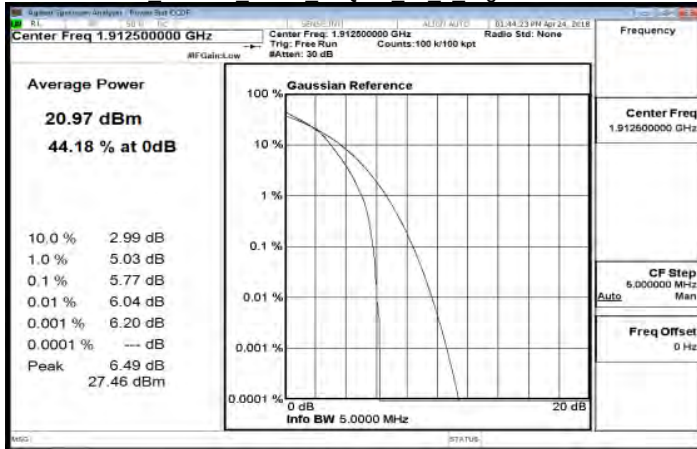
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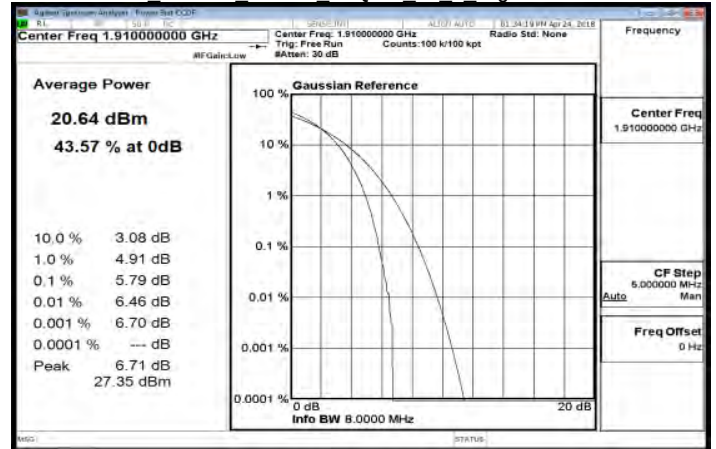
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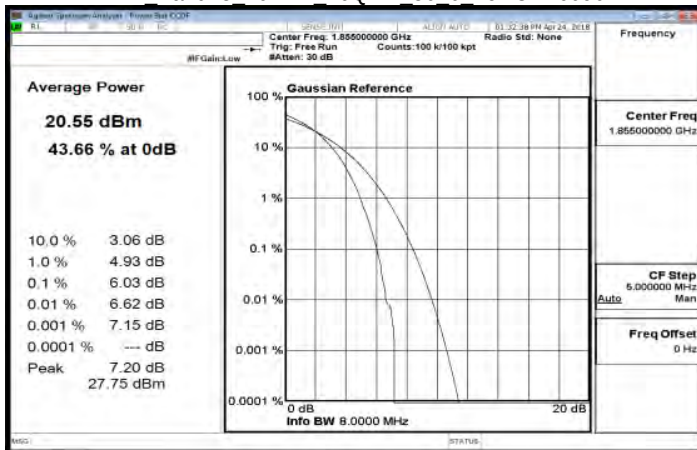
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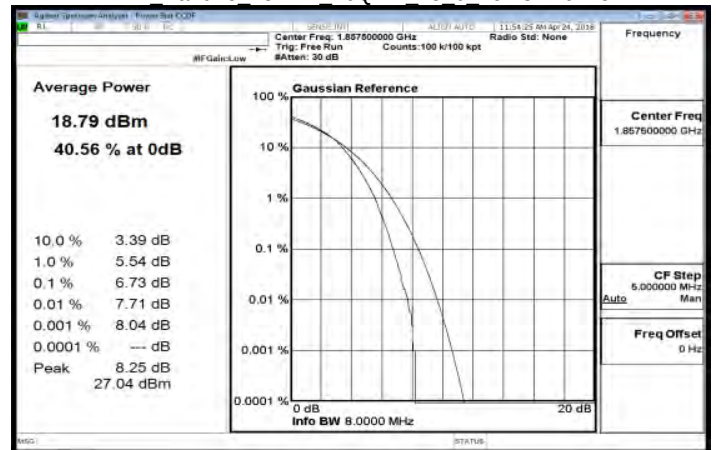
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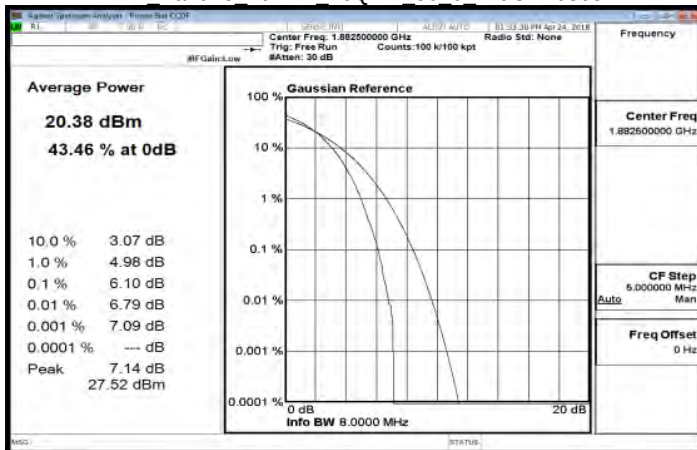
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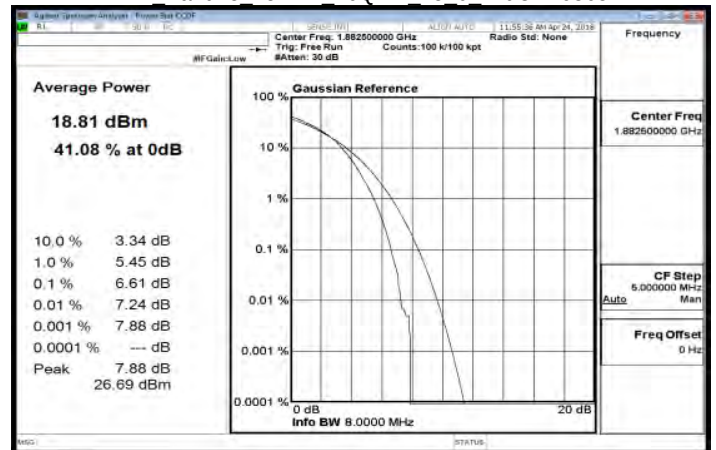
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LTE Band25 10MHz 16QAM 50 0 MidCH26365



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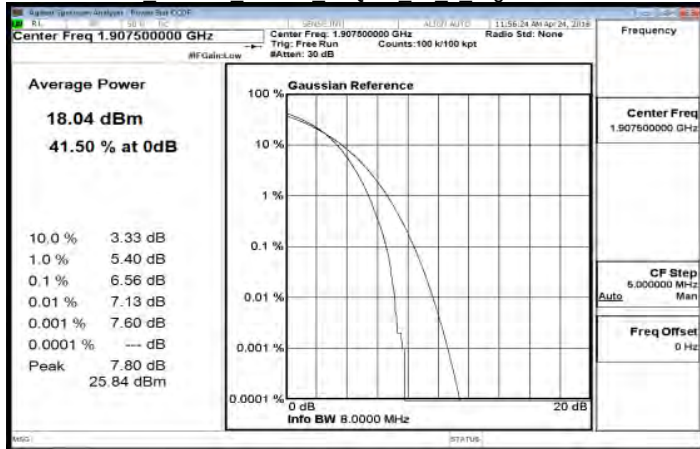
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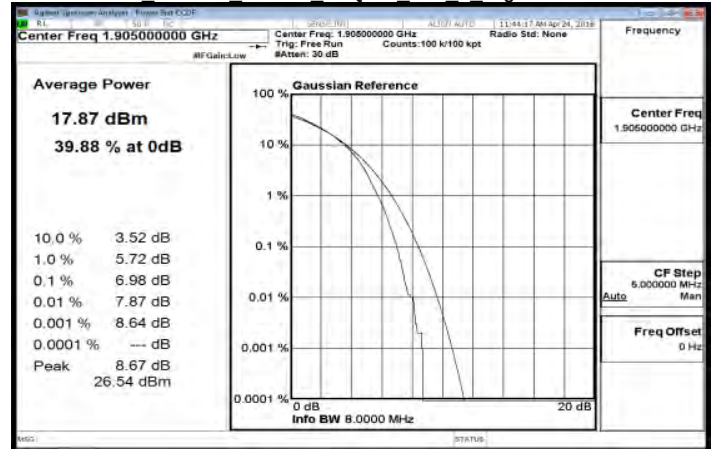
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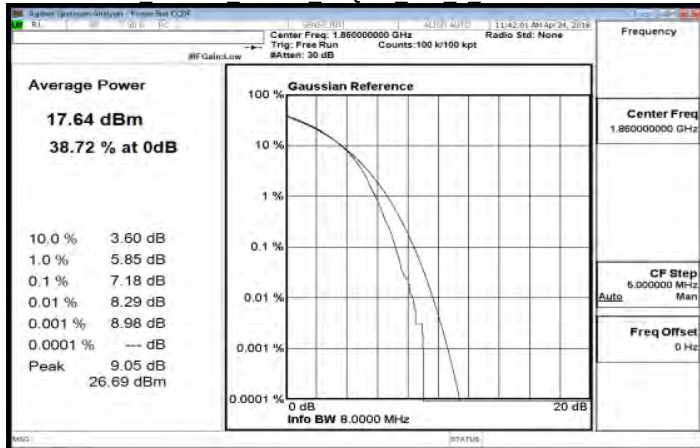
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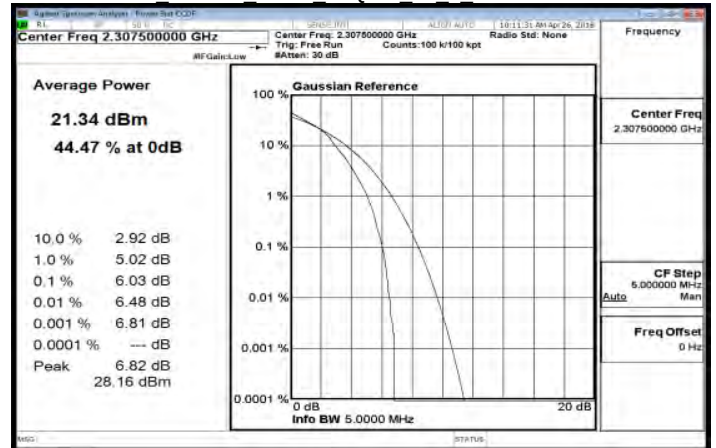
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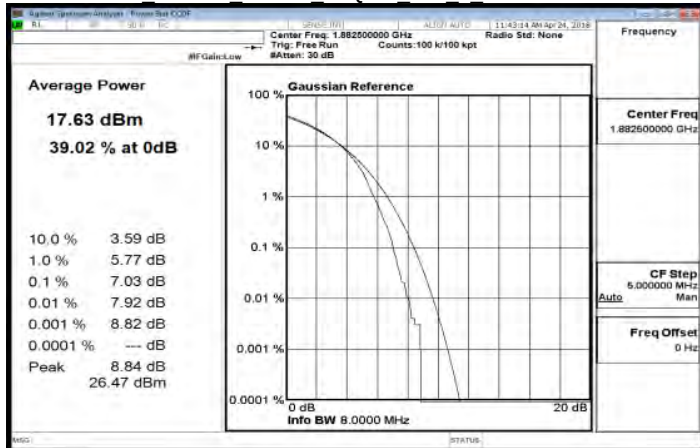
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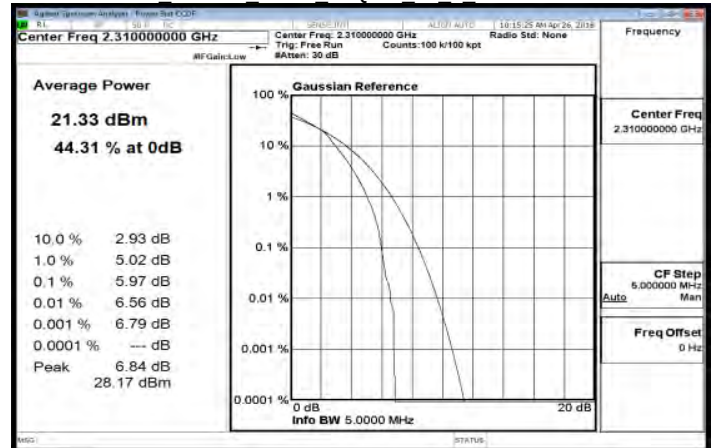
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LTE Band25 20MHz 16QAM 100 0 MidCH26365



LTE Band30 5MHz 16QAM 25 0 MidCH27710



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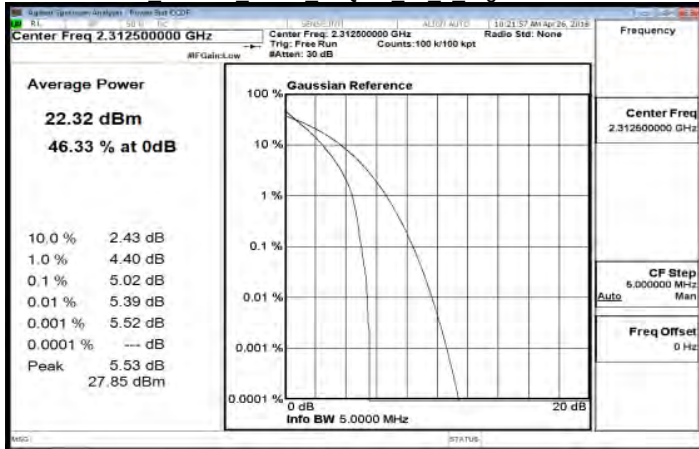
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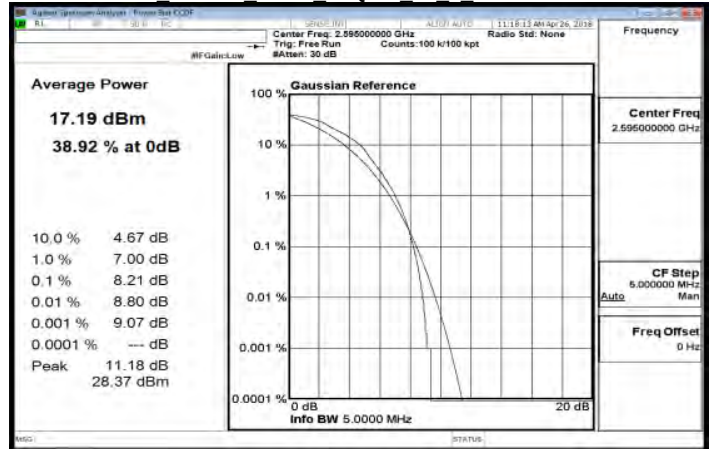
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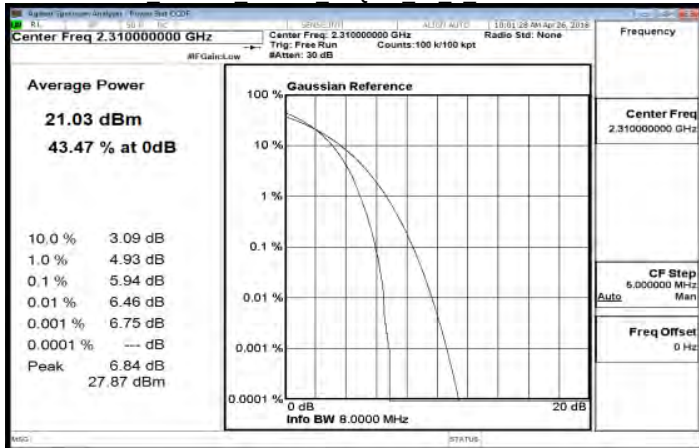
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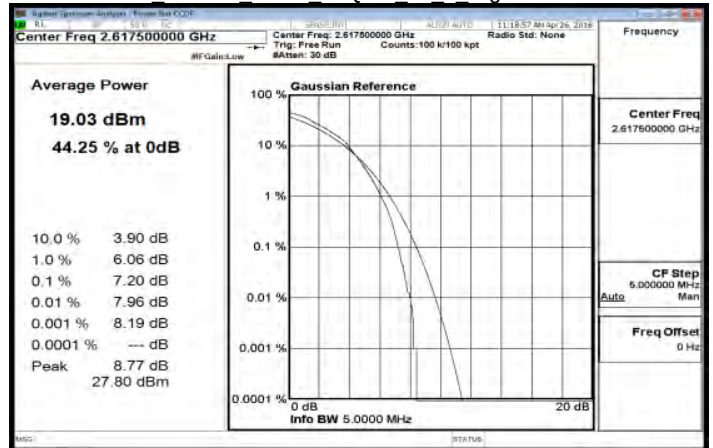
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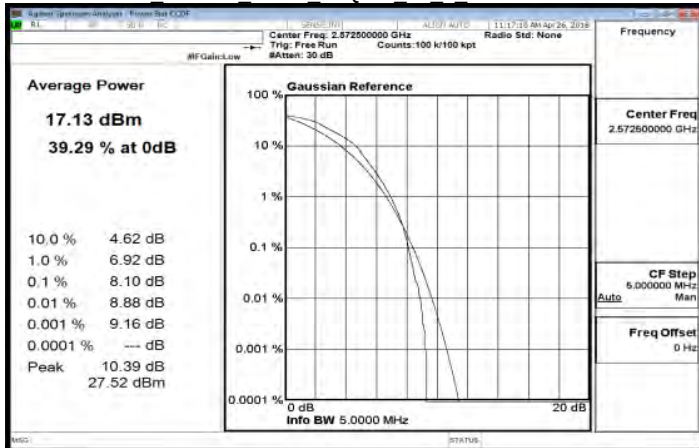
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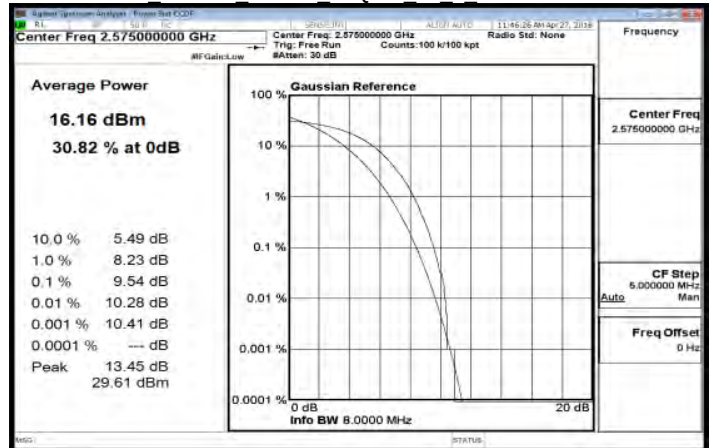
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LTE Band38 5MHz 16QAM 25 0 LowCH37775



LTE Band38 10MHz 16QAM 50 0 LowCH37800



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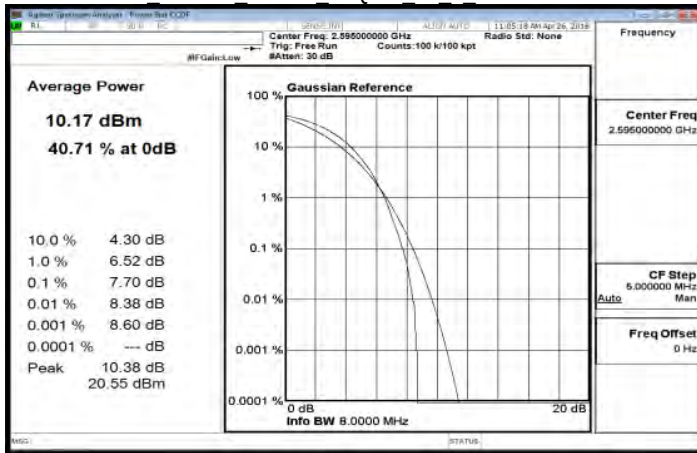
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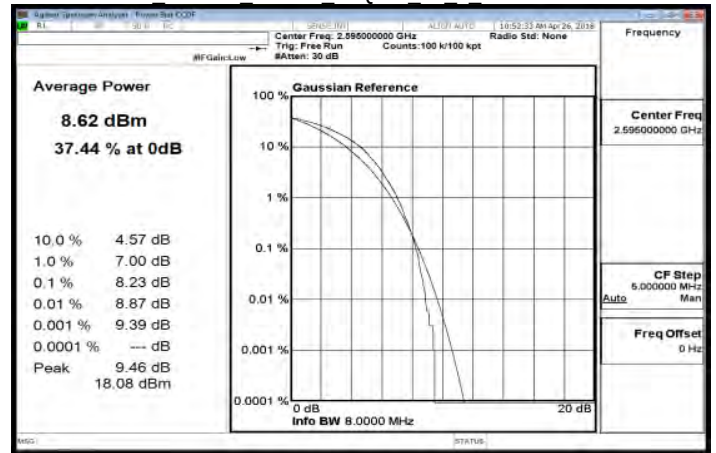
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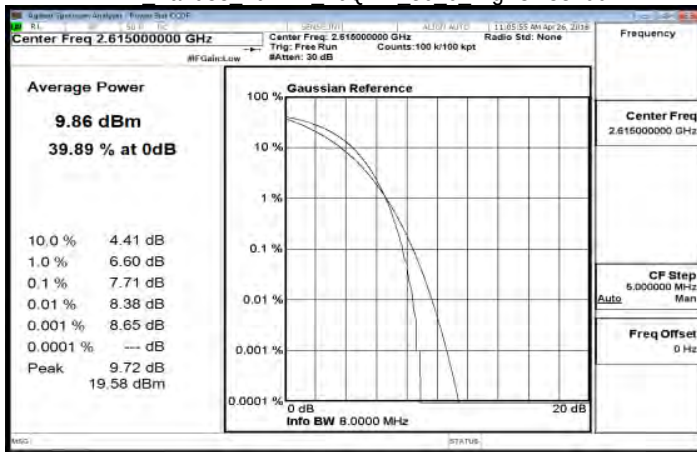
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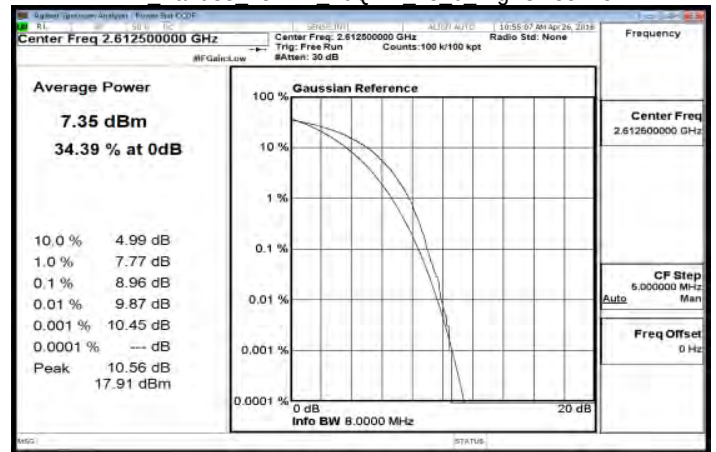
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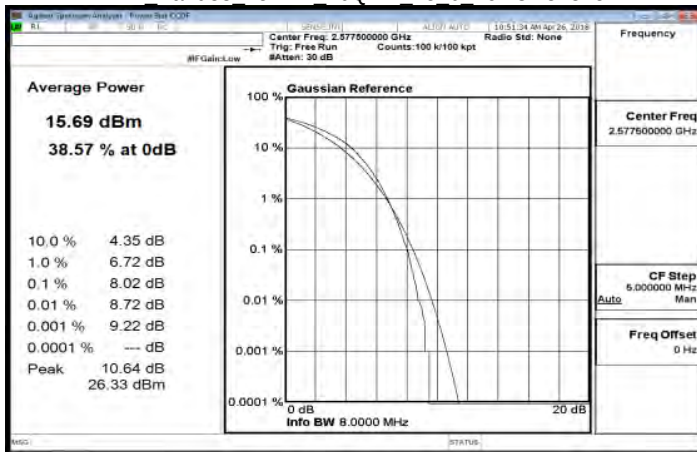
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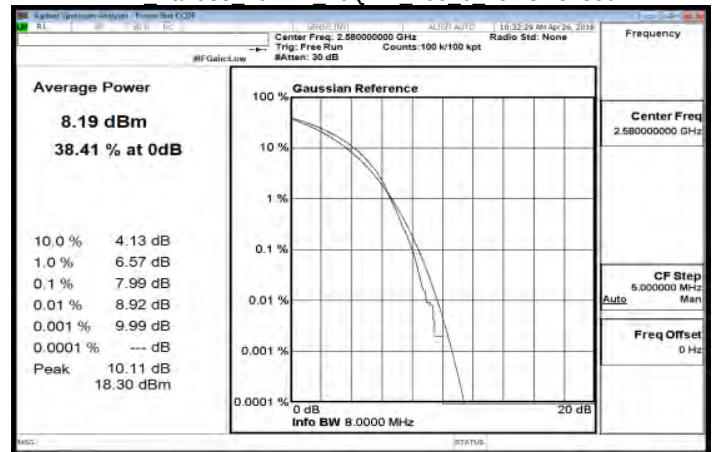
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LTE Band38 15MHz 16QAM 75 0 LowCH37825



LTE Band38 20MHz 16QAM 100 0 LowCH37850



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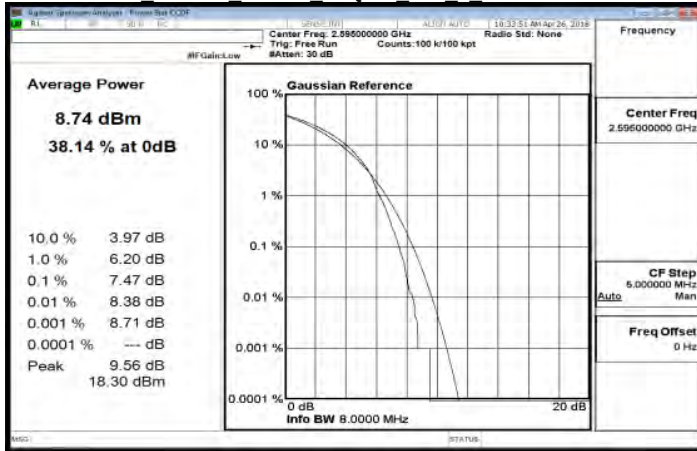
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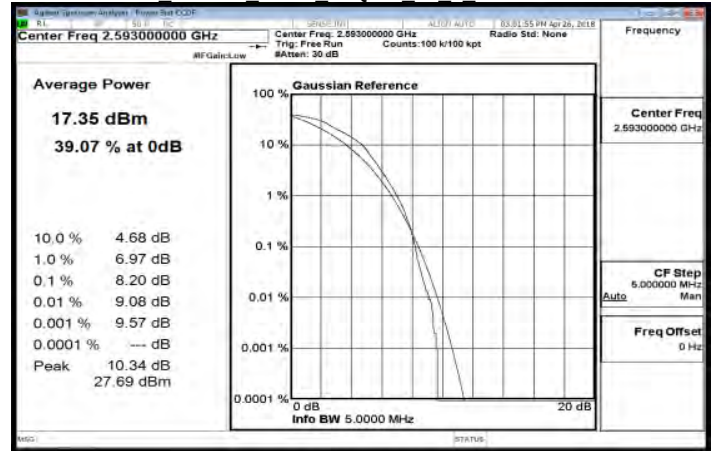
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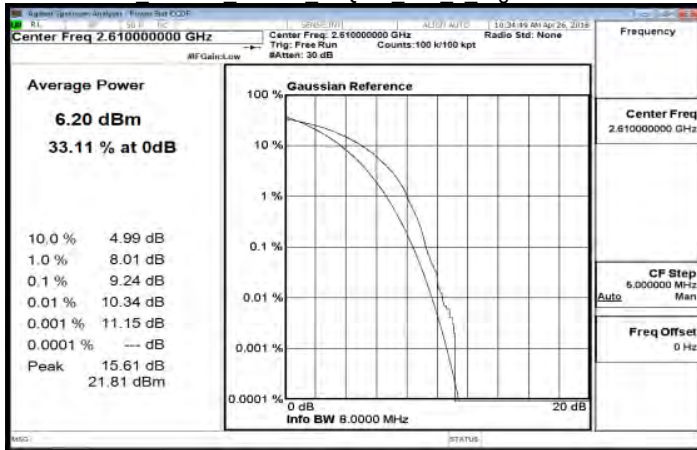
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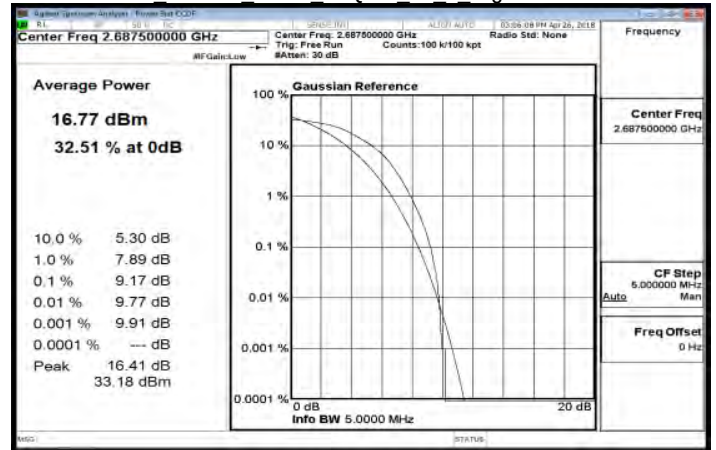
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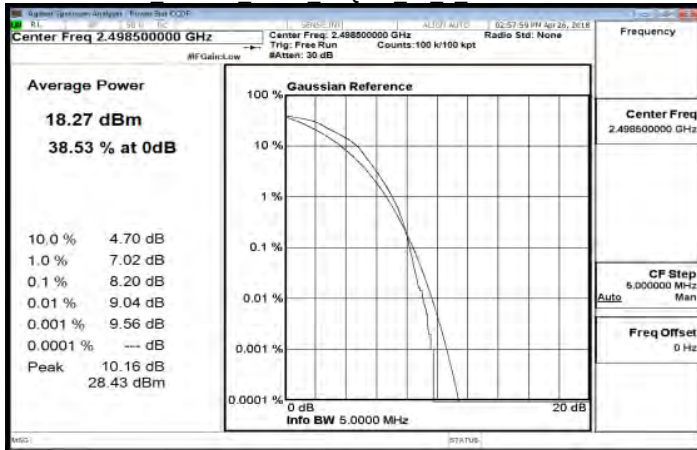
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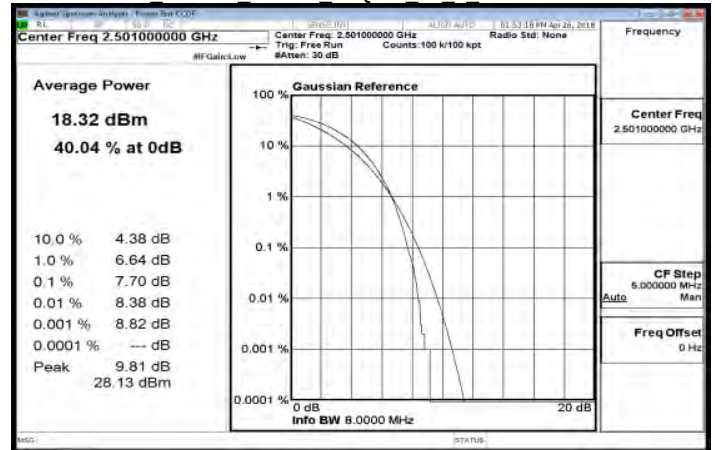
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LTE Band41 5MHz 16QAM 25 0 LowCH39675



LTE Band41 10MHz 16QAM 50 0 LowCH39700



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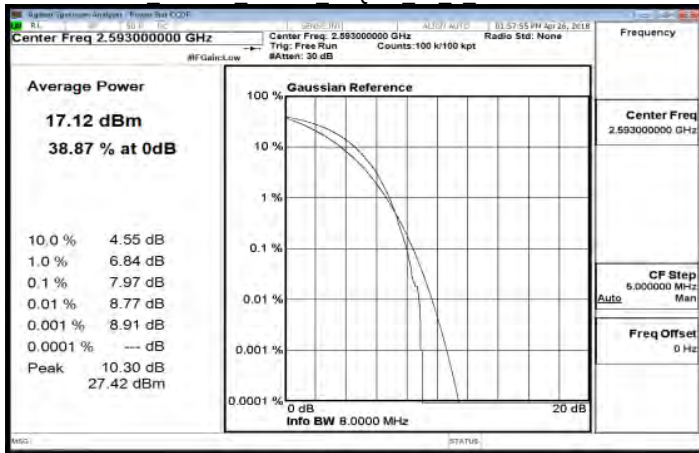
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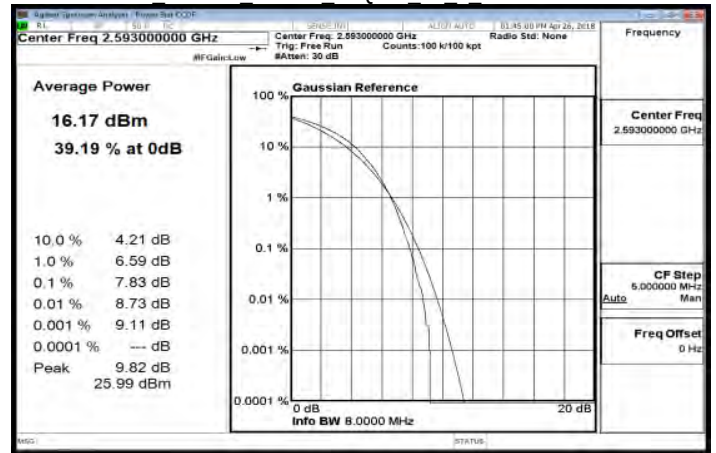
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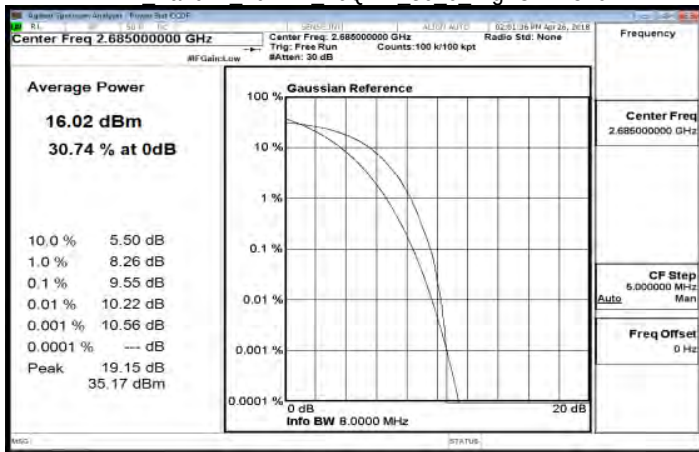
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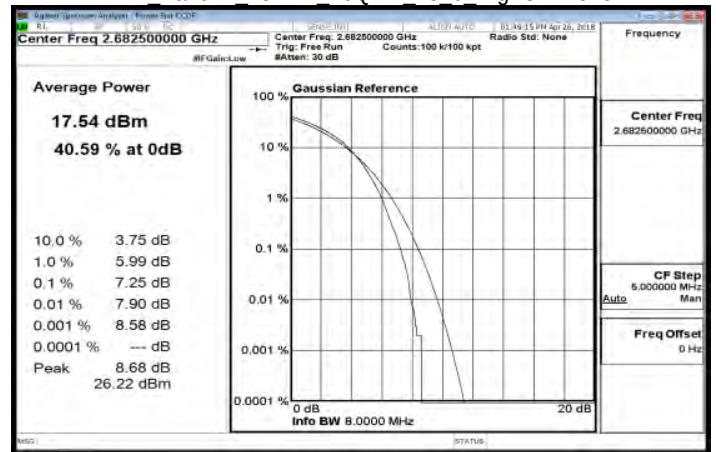
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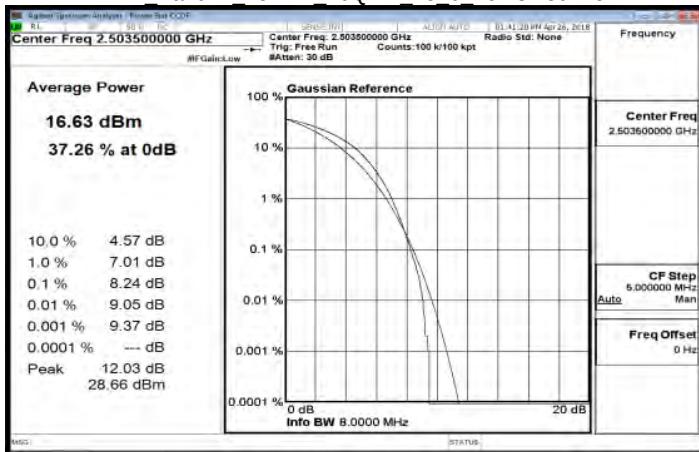
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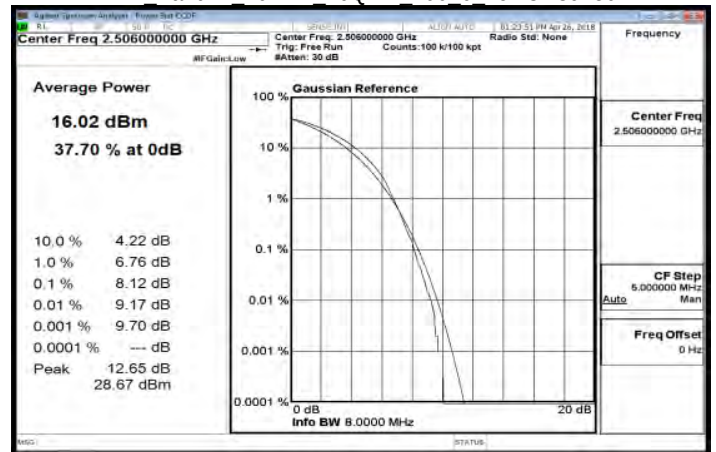
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LTE Band41 15MHz 16QAM 75 0 LowCH39725



LTE Band41 20MHz 16QAM 100 0 LowCH39750



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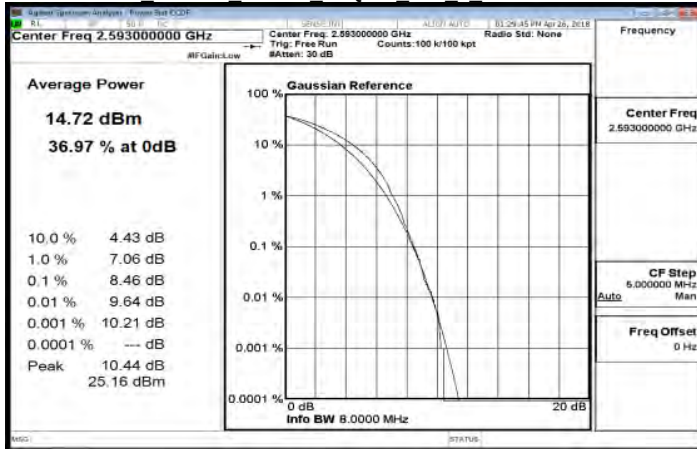
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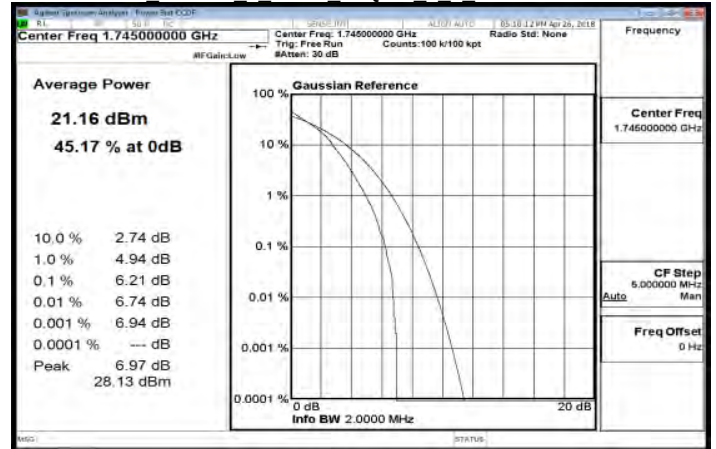
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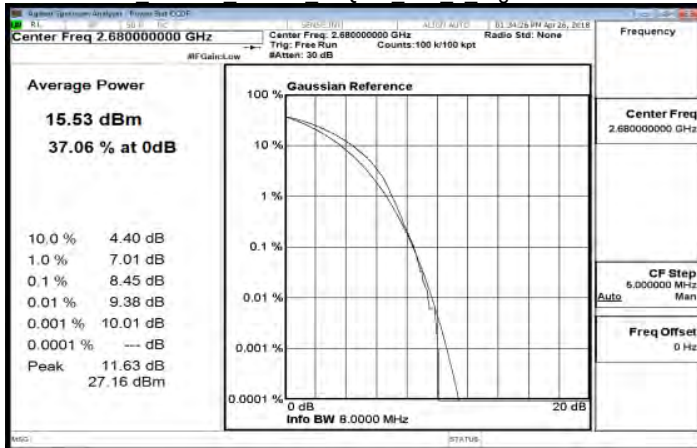
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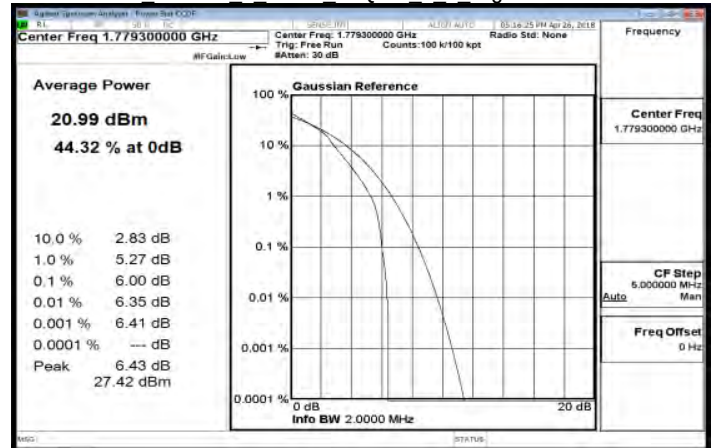
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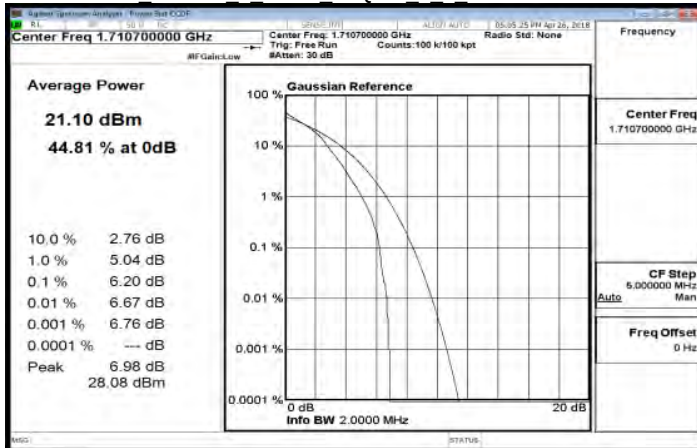
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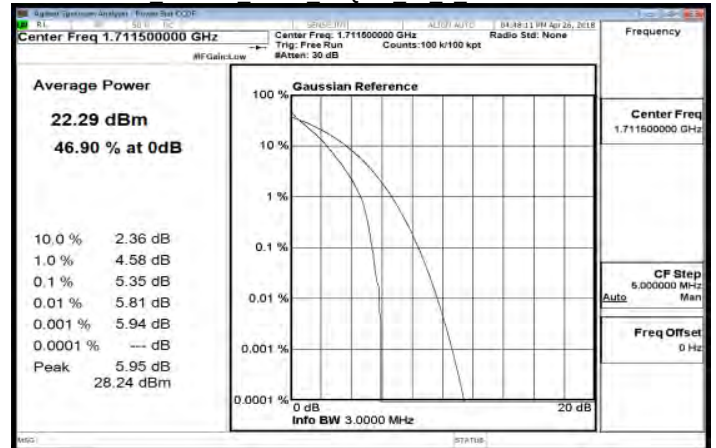
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LTE Band66 1 4MHz 16QAM 6 0 LowCH131979



LTE Band66 3MHz 16QAM 15 0 LowCH131987



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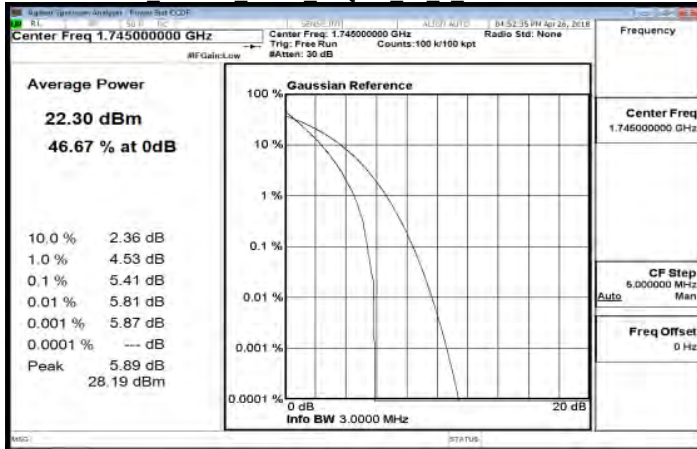
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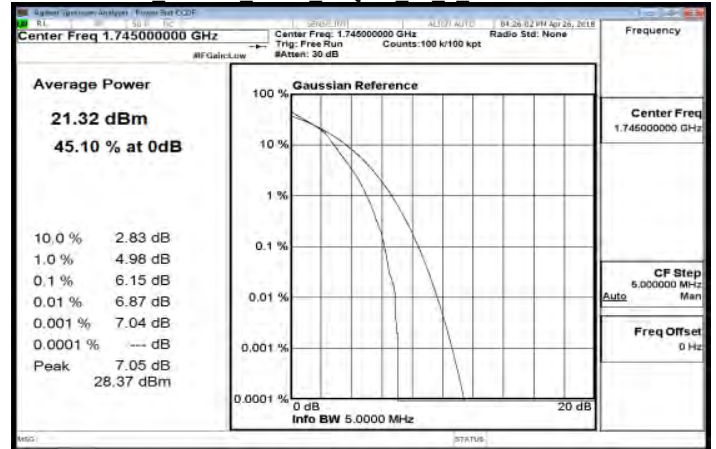
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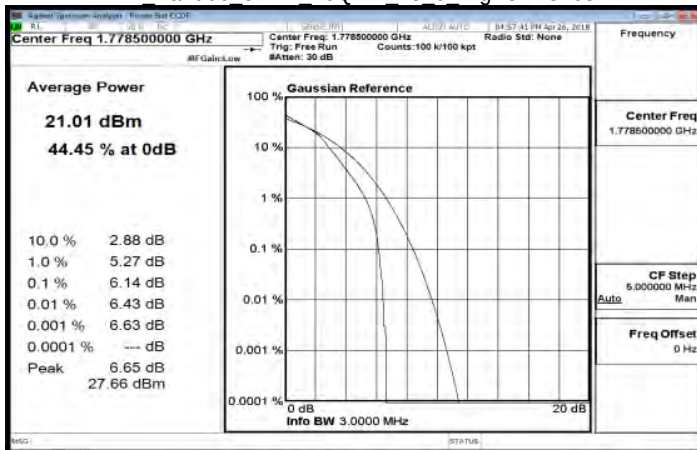
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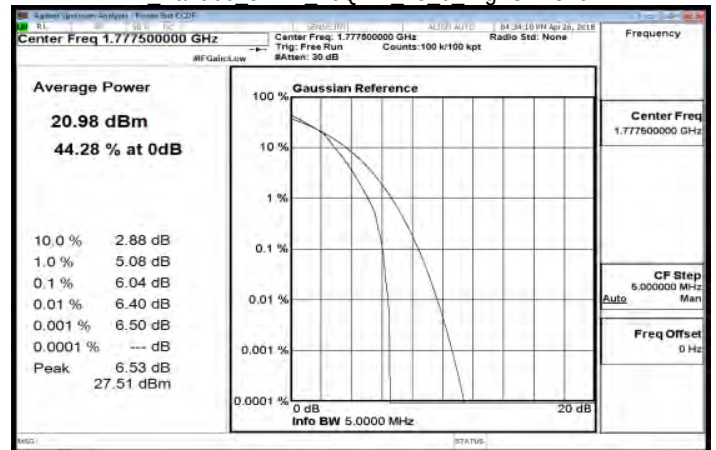
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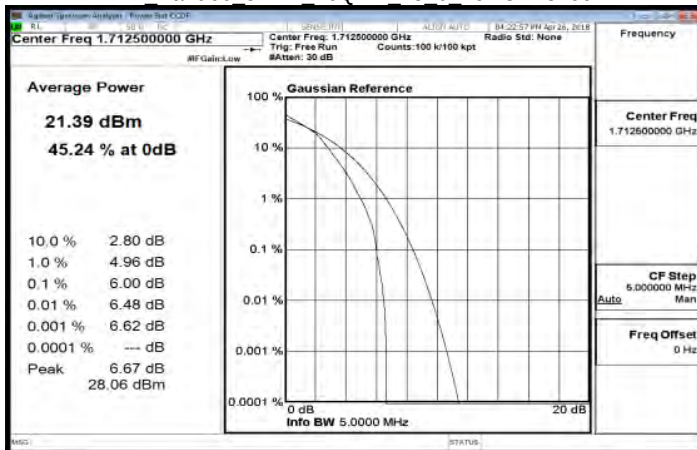
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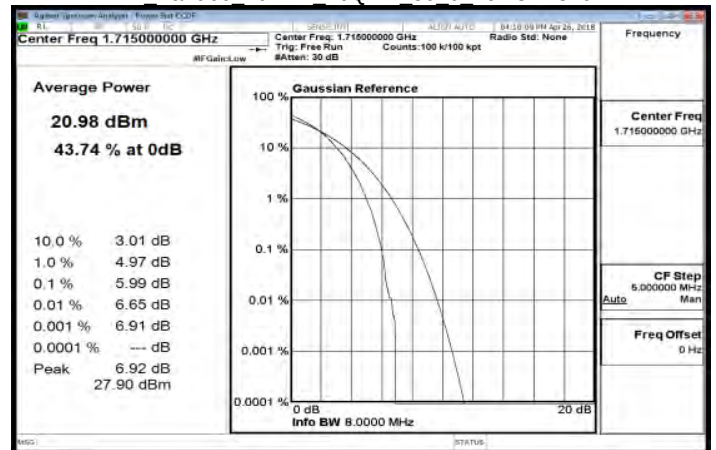
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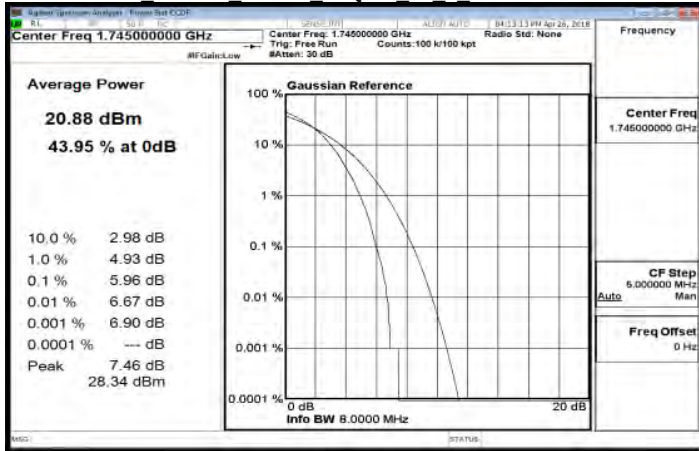
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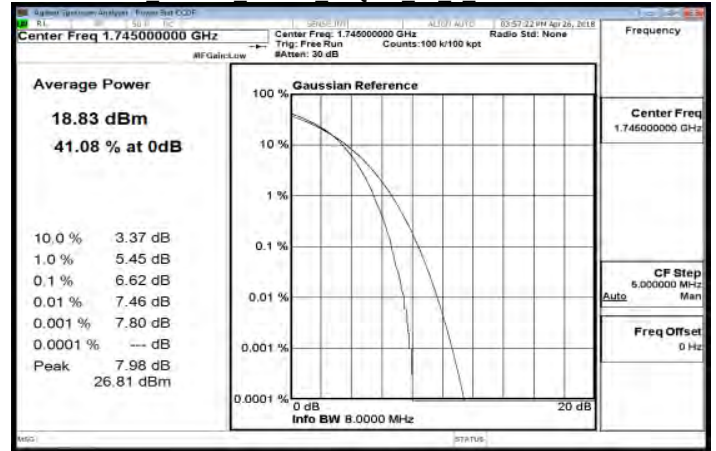
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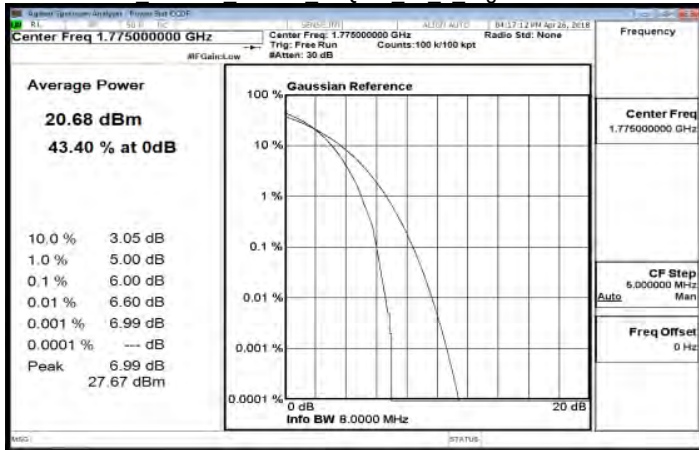
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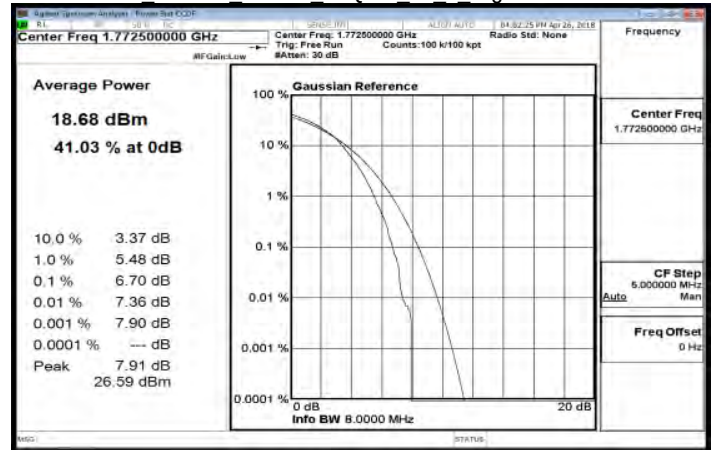
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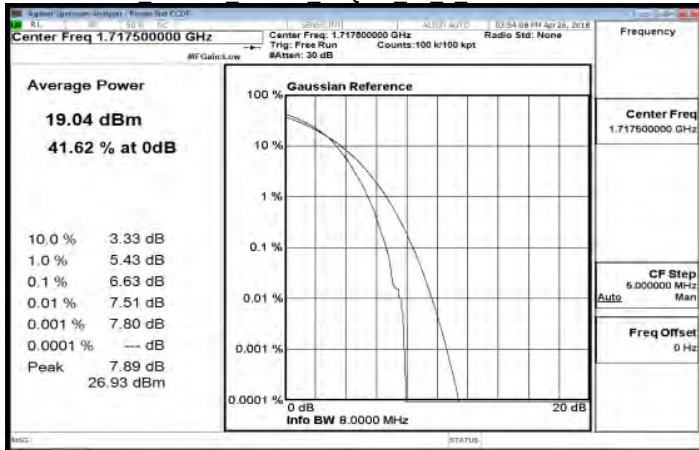
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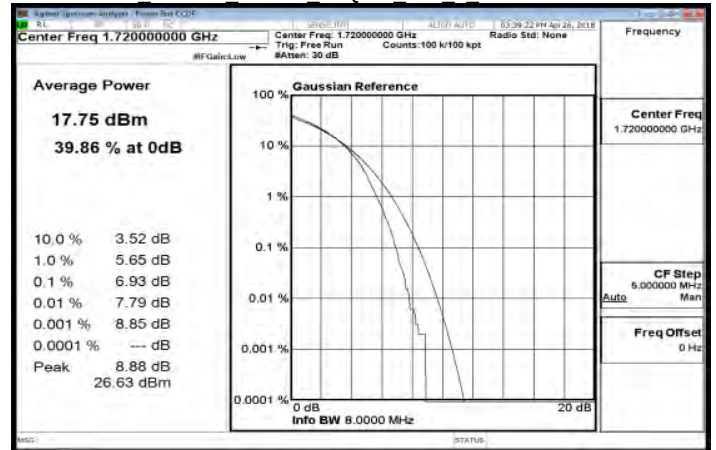
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LTE Band66 20MHz 16QAM 100 0 LowCH132072



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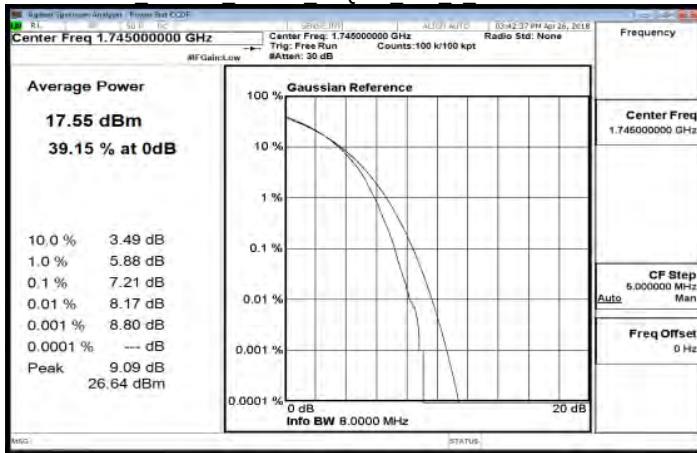
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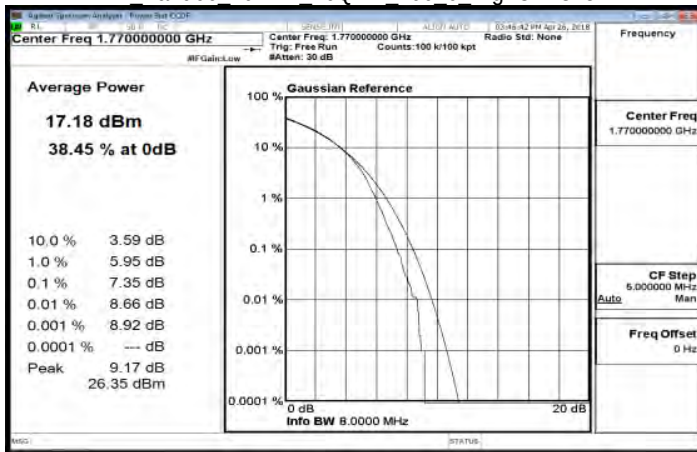
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LTE Band66 20MHz 16QAM 100 0 HighCH132572



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