

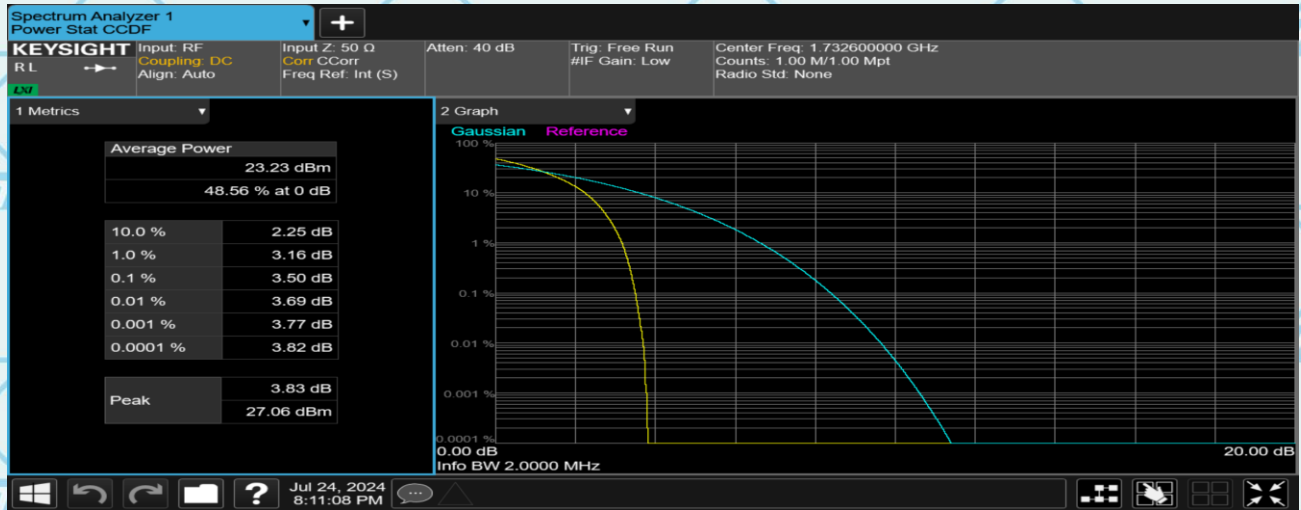


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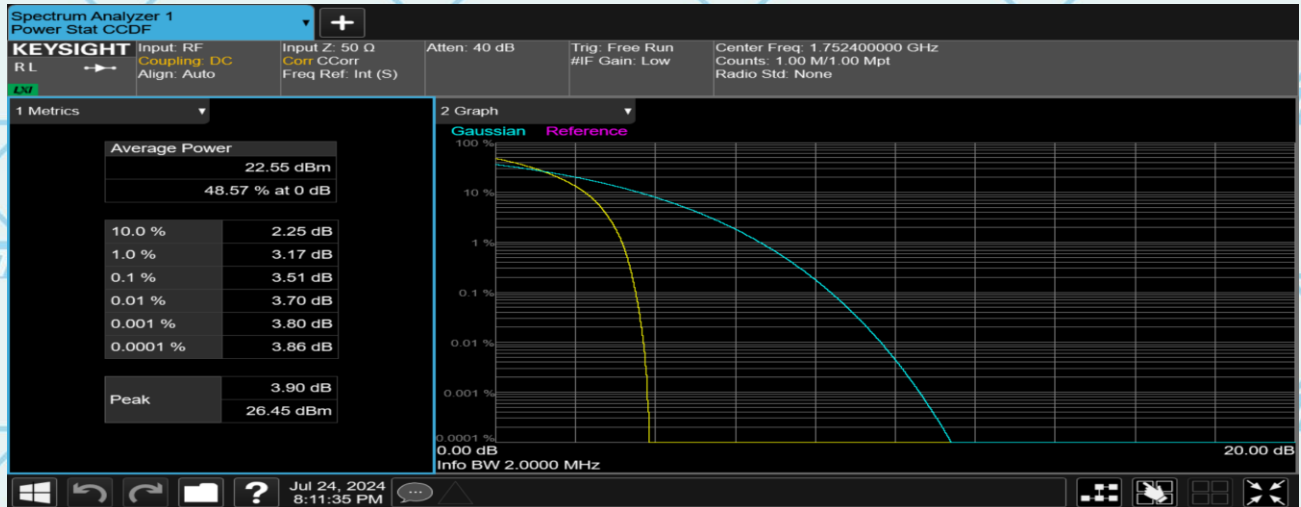
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Band4 1413



Band4 1513



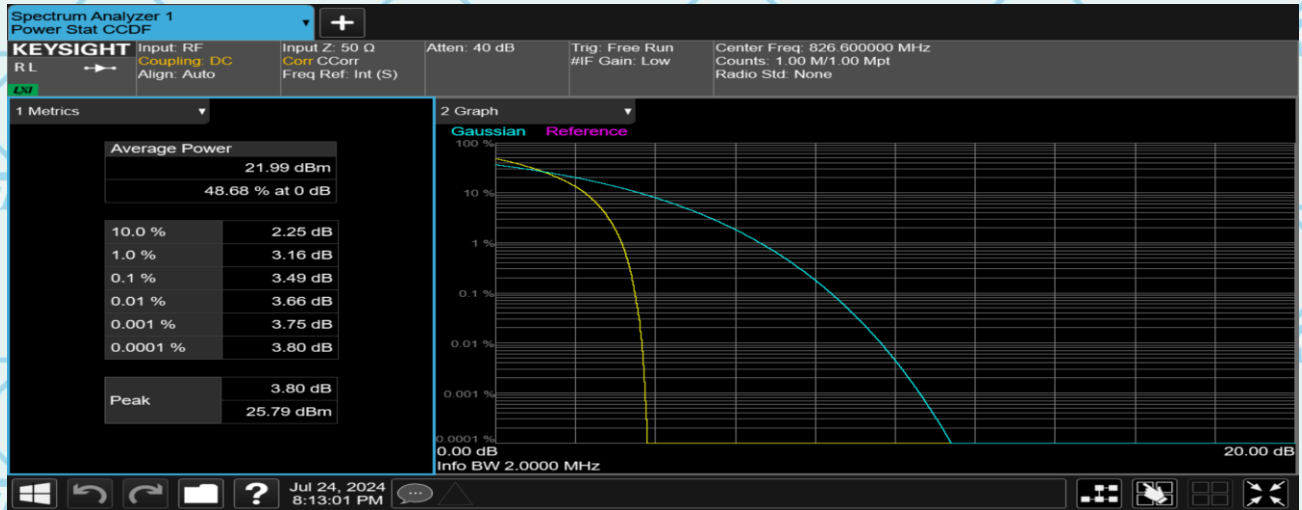


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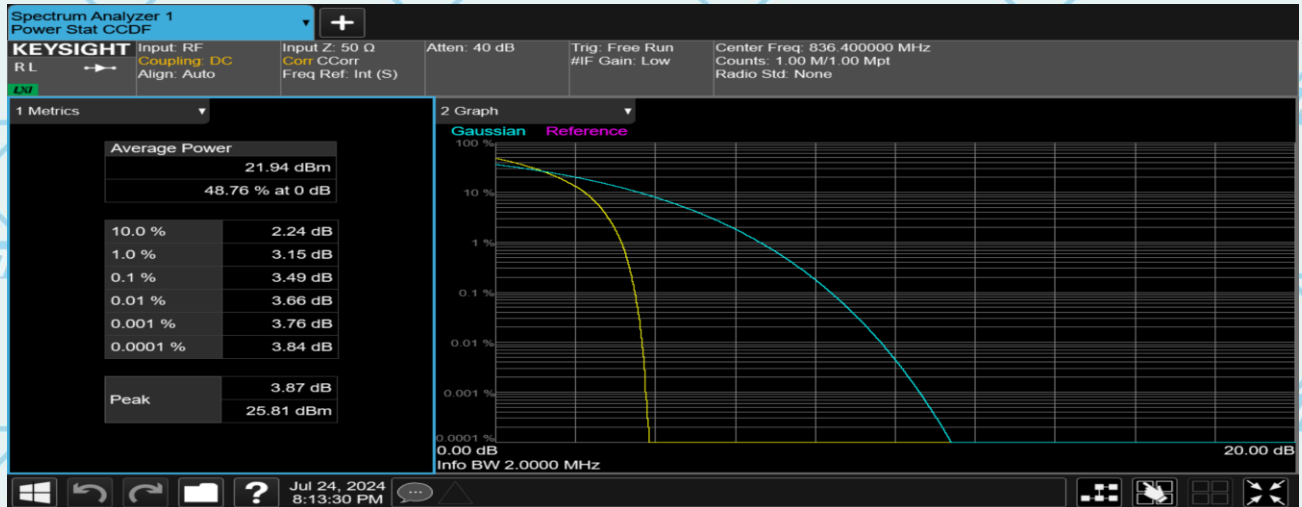
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Band5 4132



Band5 4182



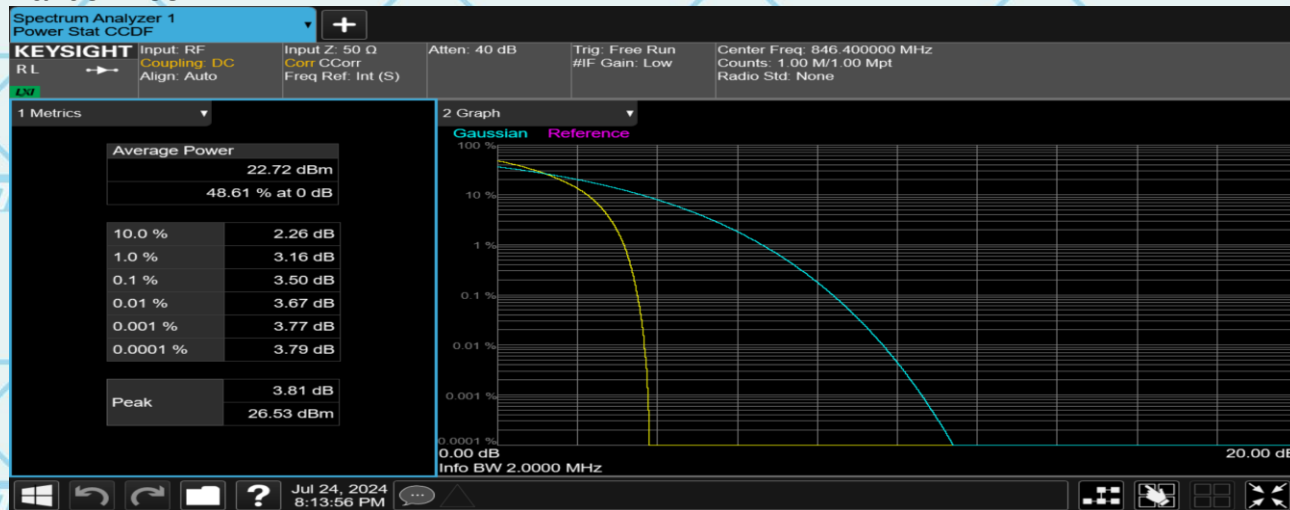


Report No.: WSCT-ANAB-R&E240700031A-RF

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Band5 4233



Note: Please refer to Annex (LTE&NR Chapter 2 Peak-to-Average Ratio) for more test data



8. SPURIOUS EMISSION (Conducted and Radiated)

8.1. Measurement Result (Pre-measurement)

GSM850:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgment
Low Range	0.2	128	824.2	Pass
Middle Range	0.2	190	836.6	Pass
High Range	0.2	251	848.8	Pass

PCS 1900 :

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgment
Low Range	0.2	512	1850.2	Pass
Middle Range	0.2	661	1880.0	Pass
High Range	0.2	810	1909.8	Pass

UTRA BANDS

Band 2:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgment
Low Range	5	9262	1852.4	Pass
Middle Range	5	9400	1880.0	Pass
High Range	5	9538	1907.6	Pass

Band 4:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgment
Low Range	5	1312	1712.4	Pass
Middle Range	5	1413	1732.6	Pass
High Range	5	1513	1752.6	Pass

Band 5:

Test Channel	BW(MHz)	UL Channel	Frequency(MHz)	Judgment
Low Range	5	4132	826.4	Pass
Middle Range	5	4182	836.4	Pass
High Range	5	4233	846.6	Pass



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E-UTRA BANDS

Band 2:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1.4	18607	1850.7	QPSK	6	LOW	Pass
1.4	18607	1850.7	Q16	6	LOW	Pass
1.4	18900	1880	QPSK	6	LOW	Pass
1.4	18900	1880	Q16	6	LOW	Pass
1.4	19193	1909.3	QPSK	6	LOW	Pass
1.4	19193	1909.3	Q16	6	LOW	Pass
3	18615	1851.5	QPSK	15	LOW	Pass
3	18615	1851.5	Q16	15	LOW	Pass
3	18900	1880	QPSK	15	LOW	Pass
3	18900	1880	Q16	15	LOW	Pass
3	19185	1908.5	QPSK	15	LOW	Pass
3	19185	1908.5	Q16	15	LOW	Pass
5	18625	1852.5	QPSK	25	LOW	Pass
5	18625	1852.5	Q16	25	LOW	Pass
5	18900	1880	QPSK	25	LOW	Pass
5	18900	1880	Q16	25	LOW	Pass
5	19175	1907.5	QPSK	25	LOW	Pass
5	19175	1907.5	Q16	25	LOW	Pass
10	18650	1855	QPSK	50	LOW	Pass
10	18650	1855	Q16	50	LOW	Pass
10	18900	1880	QPSK	50	LOW	Pass
10	18900	1880	Q16	50	LOW	Pass
10	19150	1905	QPSK	50	LOW	Pass
10	19150	1905	Q16	50	LOW	Pass
15	18675	1857.5	QPSK	75	LOW	Pass
15	18675	1857.5	Q16	75	LOW	Pass
15	18900	1880	QPSK	75	LOW	Pass
15	18900	1880	Q16	75	LOW	Pass
15	19125	1902.5	QPSK	75	LOW	Pass
15	19125	1902.5	Q16	75	LOW	Pass
20	18700	1860	QPSK	100	LOW	Pass
20	18700	1860	Q16	100	LOW	Pass
20	18900	1880	QPSK	100	LOW	Pass
20	18900	1880	Q16	100	LOW	Pass
20	19100	1900	QPSK	100	LOW	Pass
20	19100	1900	Q16	100	LOW	Pass

Band 4:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1.4	19957	1710.7	QPSK	6	LOW	Pass
1.4	19957	1710.7	Q16	6	LOW	Pass
1.4	20393	1754.3	QPSK	6	LOW	Pass
1.4	20393	1754.3	Q16	6	LOW	Pass
1.4	20175	1732.5	QPSK	6	LOW	Pass
1.4	20175	1732.5	Q16	6	LOW	Pass
3	19965	1711.5	QPSK	15	LOW	Pass



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Certificate Number : AT-3951

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
3	19965	1711.5	Q16	15	LOW	Pass
3	20385	1753.5	QPSK	15	LOW	Pass
3	20385	1753.5	Q16	15	LOW	Pass
3	20175	1732.5	QPSK	15	LOW	Pass
3	20175	1732.5	Q16	15	LOW	Pass
5	19975	1712.5	QPSK	25	LOW	Pass
5	19975	1712.5	Q16	25	LOW	Pass
5	20375	1752.5	QPSK	25	LOW	Pass
5	20375	1752.5	Q16	25	LOW	Pass
5	20175	1732.5	QPSK	25	LOW	Pass
5	20175	1732.5	Q16	25	LOW	Pass
10	20000	1715	QPSK	50	LOW	Pass
10	20000	1715	Q16	50	LOW	Pass
10	20350	1750	QPSK	50	LOW	Pass
10	20350	1750	Q16	50	LOW	Pass
10	20175	1732.5	QPSK	50	LOW	Pass
10	20175	1732.5	Q16	50	LOW	Pass
15	20025	1717.5	QPSK	75	LOW	Pass
15	20025	1717.5	Q16	75	LOW	Pass
15	20325	1747.5	QPSK	75	LOW	Pass
15	20325	1747.5	Q16	75	LOW	Pass
15	20175	1732.5	QPSK	75	LOW	Pass
15	20175	1732.5	Q16	75	LOW	Pass
20	20050	1720	QPSK	100	LOW	Pass
20	20050	1720	Q16	100	LOW	Pass
20	20300	1745	QPSK	100	LOW	Pass
20	20300	1745	Q16	100	LOW	Pass
20	20175	1732.5	QPSK	100	LOW	Pass
20	20175	1732.5	Q16	100	LOW	Pass

Band 5:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1.4	20470	824.7	QPSK	6	LOW	Pass
1.4	20470	824.7	Q16	6	LOW	Pass
1.4	20525	836.5	QPSK	6	LOW	Pass
1.4	20525	836.5	Q16	6	LOW	Pass
1.4	20643	848.3	QPSK	6	LOW	Pass
1.4	20643	848.3	Q16	6	LOW	Pass
3	20415	825.5	QPSK	15	LOW	Pass
3	20415	825.5	Q16	15	LOW	Pass
3	20525	836.5	QPSK	15	LOW	Pass
3	20525	836.5	Q16	15	LOW	Pass
3	20635	847.5	QPSK	15	LOW	Pass
3	20635	847.5	Q16	15	LOW	Pass
5	20425	826.5	QPSK	25	LOW	Pass
5	20425	826.5	Q16	25	LOW	Pass
5	20525	836.5	QPSK	25	LOW	Pass
5	20525	836.5	Q16	25	LOW	Pass
5	20625	846.5	QPSK	25	LOW	Pass
5	20625	846.5	Q16	25	LOW	Pass



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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	20450	829	QPSK	50	LOW	Pass
10	20450	829	Q16	50	LOW	Pass
10	20525	836.5	QPSK	50	LOW	Pass
10	20525	836.5	Q16	50	LOW	Pass
10	20600	844	QPSK	50	LOW	Pass
10	20600	844	Q16	50	LOW	Pass

Band 7:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	20775	2502.5	QPSK	25	LOW	Pass
5	20775	2502.5	Q16	25	LOW	Pass
5	21425	2567.5	QPSK	25	LOW	Pass
5	21425	2567.5	Q16	25	LOW	Pass
5	21100	2535	QPSK	25	LOW	Pass
5	21100	2535	QPSK	25	LOW	Pass
10	20800	2505	QPSK	50	LOW	Pass
10	20800	2505	Q16	50	LOW	Pass
10	21400	2565	QPSK	50	LOW	Pass
10	21400	2565	Q16	50	LOW	Pass
10	21100	2535	QPSK	50	LOW	Pass
10	21100	2535	Q16	50	LOW	Pass
15	20825	2507.5	QPSK	75	LOW	Pass
15	20825	2507.5	Q16	75	LOW	Pass
15	21375	2562.5	QPSK	75	LOW	Pass
15	21375	2562.5	Q16	75	LOW	Pass
15	21100	2535	QPSK	75	LOW	Pass
15	21100	2535	Q16	75	LOW	Pass
20	20850	2510	QPSK	100	LOW	Pass
20	20850	2510	Q16	100	LOW	Pass
20	21350	2560	QPSK	100	LOW	Pass
20	21350	2560	Q16	100	LOW	Pass
20	21100	2535	QPSK	100	LOW	Pass
20	21100	2535	Q16	100	LOW	Pass

Band 12:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1.4	23017	699.7	QPSK	6	LOW	Pass
1.4	23017	699.7	Q16	6	LOW	Pass
1.4	23095	707.5	QPSK	6	LOW	Pass
1.4	23095	707.5	Q16	6	LOW	Pass
1.4	23173	715.3	QPSK	6	LOW	Pass
1.4	23173	715.3	Q16	6	LOW	Pass
3	23025	700.5	QPSK	15	LOW	Pass
3	23025	700.5	Q16	15	LOW	Pass
3	23095	707.5	QPSK	15	LOW	Pass
3	23095	707.5	Q16	15	LOW	Pass
3	23165	714.5	QPSK	15	LOW	Pass
3	23165	714.5	Q16	15	LOW	Pass



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Certificate Number: AT-3951

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	23035	701.5	QPSK	25	LOW	Pass
5	23035	701.5	Q16	25	LOW	Pass
5	23095	707.5	QPSK	25	LOW	Pass
5	23095	707.5	Q16	25	LOW	Pass
5	23155	713.5	QPSK	25	LOW	Pass
5	23155	713.5	Q16	25	LOW	Pass
10	23060	704	QPSK	50	LOW	Pass
10	23060	704	Q16	50	LOW	Pass
10	23095	707.5	QPSK	50	LOW	Pass
10	23095	707.5	Q16	50	LOW	Pass
10	23130	711	QPSK	50	LOW	Pass
10	23130	711	Q16	50	LOW	Pass

Band 17:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	23755	706.5	QPSK	25	LOW	Pass
5	23755	706.5	Q16	25	LOW	Pass
5	23790	710	QPSK	25	LOW	Pass
5	23790	710	Q16	25	LOW	Pass
5	23825	713.5	QPSK	25	LOW	Pass
5	23825	713.5	Q16	25	LOW	Pass
10	23780	709	QPSK	50	LOW	Pass
10	23780	709	Q16	50	LOW	Pass
10	23790	710	QPSK	50	LOW	Pass
10	23790	710	Q16	50	LOW	Pass
10	23800	711	QPSK	50	LOW	Pass
10	23800	711	Q16	50	LOW	Pass

Band 38:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	37775	2572.5	QPSK	25	LOW	Pass
5	37775	2572.5	Q16	25	LOW	Pass
5	38000	2595	QPSK	25	LOW	Pass
5	38000	2595	Q16	25	LOW	Pass
5	38225	2617.5	QPSK	25	LOW	Pass
5	38225	2617.5	Q16	25	LOW	Pass
10	37800	2575	QPSK	50	LOW	Pass
10	37800	2575	Q16	50	LOW	Pass
10	38000	2595	QPSK	50	LOW	Pass
10	38000	2595	Q16	50	LOW	Pass
10	38200	2615	QPSK	50	LOW	Pass
10	38200	2615	Q16	50	LOW	Pass
15	37825	2577.5	QPSK	75	LOW	Pass
15	37825	2577.5	Q16	75	LOW	Pass
15	38000	2595	QPSK	75	LOW	Pass
15	38000	2595	Q16	75	LOW	Pass
15	38175	2612.5	QPSK	75	LOW	Pass
15	38175	2612.5	Q16	75	LOW	Pass



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Certificate Number: AT-3951

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
20	37850	2580	QPSK	100	LOW	Pass
20	37850	2580	Q16	100	LOW	Pass
20	38000	2595	QPSK	100	LOW	Pass
20	38000	2595	Q16	100	LOW	Pass
20	38150	2610	QPSK	100	LOW	Pass
20	38150	2610	Q16	100	LOW	Pass

Band 41:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	39675	2498.5	QPSK	25	LOW	Pass
5	39675	2498.5	Q16	25	LOW	Pass
5	40620	2593	QPSK	25	LOW	Pass
5	40620	2593	Q16	25	LOW	Pass
5	41565	2687.5	QPSK	25	LOW	Pass
5	41565	2687.5	Q16	25	LOW	Pass
10	39700	2501	QPSK	50	LOW	Pass
10	39700	2501	Q16	50	LOW	Pass
10	40620	2593	QPSK	50	LOW	Pass
10	40620	2593	Q16	50	LOW	Pass
10	41540	2685	QPSK	50	LOW	Pass
10	41540	2685	Q16	50	LOW	Pass
15	39725	2503.5	QPSK	75	LOW	Pass
15	39725	2503.5	Q16	75	LOW	Pass
15	40620	2593	QPSK	75	LOW	Pass
15	40620	2593	Q16	75	LOW	Pass
15	41515	2682.5	QPSK	75	LOW	Pass
15	41515	2682.5	Q16	75	LOW	Pass
20	39750	2506	QPSK	100	LOW	Pass
20	39750	2506	Q16	100	LOW	Pass
20	40620	2593	QPSK	100	LOW	Pass
20	40620	2593	Q16	100	LOW	Pass
20	41490	2680	QPSK	100	LOW	Pass
20	41490	2680	Q16	100	LOW	Pass

Band 42(3450-3550Mhz):

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
5	42115	3452.5	QPSK	25	LOW	Pass
5	42115	3452.5	Q16	25	LOW	Pass
5	42590	3500	QPSK	25	LOW	Pass
5	42590	3500	Q16	25	LOW	Pass
5	43065	3547.5	QPSK	25	LOW	Pass
5	43065	3547.5	Q16	25	LOW	Pass
10	42140	3455	QPSK	50	LOW	Pass
10	42140	3455	Q16	50	LOW	Pass
10	42590	3500	QPSK	50	LOW	Pass
10	42590	3500	Q16	50	LOW	Pass
10	43040	3545	QPSK	50	LOW	Pass
10	43040	3545	Q16	50	LOW	Pass



Report No.: WSCT-ANAB-R&E240700031A-RF

Certificate Number: AT-3951

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
15	42165	3457.5	QPSK	75	LOW	Pass
15	42165	3457.5	Q16	75	LOW	Pass
15	42590	3500	QPSK	75	LOW	Pass
15	42590	3500	Q16	75	LOW	Pass
15	43015	3542.5	QPSK	75	LOW	Pass
15	43015	3542.5	Q16	75	LOW	Pass
20	42190	3460	QPSK	100	LOW	Pass
20	42190	3460	Q16	100	LOW	Pass
20	42590	3500	QPSK	100	LOW	Pass
20	42590	3500	Q16	100	LOW	Pass
20	42990	3540	QPSK	100	LOW	Pass
20	42990	3540	Q16	100	LOW	Pass

Band 66:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1.4	131979	1710.7	QPSK	6	LOW	Pass
1.4	131979	1710.7	Q16	6	LOW	Pass
1.4	132322	1745	QPSK	6	LOW	Pass
1.4	132322	1745	Q16	6	LOW	Pass
1.4	132665	1779.3	QPSK	6	LOW	Pass
1.4	132665	1779.3	Q16	6	LOW	Pass
3	131987	1711.5	QPSK	15	LOW	Pass
3	131987	1711.5	Q16	15	LOW	Pass
3	132322	1745	QPSK	15	LOW	Pass
3	132322	1745	Q16	15	LOW	Pass
3	132657	1778.5	QPSK	15	LOW	Pass
3	132657	1778.5	Q16	15	LOW	Pass
5	131997	1712.5	QPSK	25	LOW	Pass
5	131997	1712.5	Q16	25	LOW	Pass
5	132322	1745	QPSK	25	LOW	Pass
5	132322	1745	Q16	25	LOW	Pass
5	132647	1777.5	QPSK	25	LOW	Pass
5	132647	1777.5	Q16	25	LOW	Pass
10	132022	1715	QPSK	50	LOW	Pass
10	132022	1715	Q16	50	LOW	Pass
10	132322	1745	QPSK	50	LOW	Pass
10	132322	1745	Q16	50	LOW	Pass
10	132622	1775	QPSK	50	LOW	Pass
10	132622	1775	Q16	50	LOW	Pass
15	132047	1717.5	QPSK	75	LOW	Pass
15	132047	1717.5	Q16	75	LOW	Pass
15	132322	1745	QPSK	75	LOW	Pass
15	132322	1745	Q16	75	LOW	Pass
15	132597	1772.5	QPSK	75	LOW	Pass
15	132597	1772.5	Q16	75	LOW	Pass
20	132072	1720	QPSK	100	LOW	Pass
20	132072	1720	Q16	100	LOW	Pass
20	132322	1745	QPSK	100	LOW	Pass
20	132322	1745	Q16	100	LOW	Pass



Report No.: WSCT-ANAB-R&E240700031A-RF

Certificate Number : AT-3951

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
20	132572	1770	QPSK	100	LOW	Pass
20	132572	1770	Q16	100	LOW	Pass

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Report No.: WSCT-ANAB-R&E240700031A-RF

NR n5

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	165800	829	BPSK	50	LOW	Pass
10	165800	829	QPSK	50	LOW	Pass
10	165800	829	16QAM	50	LOW	Pass
10	165800	829	64QAM	50	LOW	Pass
10	165800	829	256QAM	50	LOW	Pass
10	167300	836.5	BPSK	50	LOW	Pass
10	167300	836.5	QPSK	50	LOW	Pass
10	167300	836.5	16QAM	50	LOW	Pass
10	167300	836.5	64QAM	50	LOW	Pass
10	167300	836.5	256QAM	50	LOW	Pass
10	168800	844	BPSK	50	LOW	Pass
10	168800	844	QPSK	50	LOW	Pass
10	168800	844	16QAM	50	LOW	Pass
10	168800	844	64QAM	50	LOW	Pass
10	168800	844	256QAM	50	LOW	Pass
15	166300	831.5	BPSK	75	LOW	Pass
15	166300	831.5	QPSK	75	LOW	Pass
15	166300	831.5	16QAM	75	LOW	Pass
15	166300	831.5	64QAM	75	LOW	Pass
15	166300	831.5	256QAM	75	LOW	Pass
15	167300	836.5	BPSK	75	LOW	Pass
15	167300	836.5	QPSK	75	LOW	Pass
15	167300	836.5	16QAM	75	LOW	Pass
15	167300	836.5	64QAM	75	LOW	Pass
15	167300	836.5	256QAM	75	LOW	Pass
15	168300	841.5	BPSK	75	LOW	Pass
15	168300	841.5	QPSK	75	LOW	Pass
15	168300	841.5	16QAM	75	LOW	Pass
15	168300	841.5	64QAM	75	LOW	Pass
15	168300	841.5	256QAM	75	LOW	Pass
20	166800	834	BPSK	100	LOW	Pass
20	166800	834	QPSK	100	LOW	Pass
20	166800	834	16QAM	100	LOW	Pass
20	166800	834	64QAM	100	LOW	Pass
20	166800	834	256QAM	100	LOW	Pass
20	167300	836.5	BPSK	100	LOW	Pass
20	167300	836.5	QPSK	100	LOW	Pass
20	167300	836.5	16QAM	100	LOW	Pass
20	167300	836.5	64QAM	100	LOW	Pass
20	167300	836.5	256QAM	100	LOW	Pass
20	167800	839	BPSK	100	LOW	Pass
20	167800	839	QPSK	100	LOW	Pass
20	167800	839	16QAM	100	LOW	Pass
20	167800	839	64QAM	100	LOW	Pass
20	167800	839	256QAM	100	LOW	Pass



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NR n7

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	501000	2505	BPSK	50	LOW	Pass
10	501000	2505	QPSK	50	LOW	Pass
10	501000	2505	16QAM	50	LOW	Pass
10	501000	2505	64QAM	50	LOW	Pass
10	501000	2505	256QAM	50	LOW	Pass
10	507000	2535	BPSK	50	LOW	Pass
10	507000	2535	QPSK	50	LOW	Pass
10	507000	2535	16QAM	50	LOW	Pass
10	507000	2535	64QAM	50	LOW	Pass
10	507000	2535	256QAM	50	LOW	Pass
10	513000	2565	BPSK	50	LOW	Pass
10	513000	2565	QPSK	50	LOW	Pass
10	513000	2565	16QAM	50	LOW	Pass
10	513000	2565	64QAM	50	LOW	Pass
10	513000	2565	256QAM	50	LOW	Pass
15	501500	2507.5	BPSK	75	LOW	Pass
15	501500	2507.5	QPSK	75	LOW	Pass
15	501500	2507.5	16QAM	75	LOW	Pass
15	501500	2507.5	64QAM	75	LOW	Pass
15	501500	2507.5	256QAM	75	LOW	Pass
15	507000	2535	BPSK	75	LOW	Pass
15	507000	2535	QPSK	75	LOW	Pass
15	507000	2535	16QAM	75	LOW	Pass
15	507000	2535	64QAM	75	LOW	Pass
15	507000	2535	256QAM	75	LOW	Pass
15	512500	2562.5	BPSK	75	LOW	Pass
15	512500	2562.5	QPSK	75	LOW	Pass
15	512500	2562.5	16QAM	75	LOW	Pass
15	512500	2562.5	64QAM	75	LOW	Pass
15	512500	2562.5	256QAM	75	LOW	Pass
20	502000	2510	BPSK	100	LOW	Pass
20	502000	2510	QPSK	100	LOW	Pass
20	502000	2510	16QAM	100	LOW	Pass
20	502000	2510	64QAM	100	LOW	Pass
20	502000	2510	256QAM	100	LOW	Pass
20	507000	2535	BPSK	100	LOW	Pass
20	507000	2535	QPSK	100	LOW	Pass
20	507000	2535	16QAM	100	LOW	Pass
20	507000	2535	64QAM	100	LOW	Pass
20	507000	2535	256QAM	100	LOW	Pass
20	512000	2560	BPSK	100	LOW	Pass
20	512000	2560	QPSK	100	LOW	Pass
20	512000	2560	16QAM	100	LOW	Pass
20	512000	2560	64QAM	100	LOW	Pass
20	512000	2560	256QAM	100	LOW	Pass


Report No.: WSCT-ANAB-R&E240700031A-RF
NR n12

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	140800	704	BPSK	50	LOW	Pass
10	140800	704	QPSK	50	LOW	Pass
10	140800	704	16QAM	50	LOW	Pass
10	140800	704	64QAM	50	LOW	Pass
10	140800	704	256QAM	50	LOW	Pass
10	141500	707.5	BPSK	50	LOW	Pass
10	141500	707.5	QPSK	50	LOW	Pass
10	141500	707.5	16QAM	50	LOW	Pass
10	141500	707.5	64QAM	50	LOW	Pass
10	141500	707.5	256QAM	50	LOW	Pass
10	142200	711	BPSK	50	LOW	Pass
10	142200	711	QPSK	50	LOW	Pass
10	142200	711	16QAM	50	LOW	Pass
10	142200	711	64QAM	50	LOW	Pass
10	142200	711	256QAM	50	LOW	Pass
15	141300	706.5	BPSK	75	LOW	Pass
15	141300	706.5	QPSK	75	LOW	Pass
15	141300	706.5	16QAM	75	LOW	Pass
15	141300	706.5	64QAM	75	LOW	Pass
15	141300	706.5	256QAM	75	LOW	Pass
15	141500	707.5	BPSK	75	LOW	Pass
15	141500	707.5	QPSK	75	LOW	Pass
15	141500	707.5	16QAM	75	LOW	Pass
15	141500	707.5	64QAM	75	LOW	Pass
15	141500	707.5	256QAM	75	LOW	Pass
15	141700	708.5	BPSK	75	LOW	Pass
15	141700	708.5	QPSK	75	LOW	Pass
15	141700	708.5	16QAM	75	LOW	Pass
15	141700	708.5	64QAM	75	LOW	Pass
15	141700	708.5	256QAM	75	LOW	Pass



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Report No.: WSCT-ANAB-R&E240700031A-RF

NR n38:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	515000	2575	BPSK	50	LOW	Pass
10	515000	2575	QPSK	50	LOW	Pass
10	515000	2575	16QAM	50	LOW	Pass
10	515000	2575	64QAM	50	LOW	Pass
10	515000	2575	256QAM	50	LOW	Pass
10	519000	2595	BPSK	50	LOW	Pass
10	519000	2595	QPSK	50	LOW	Pass
10	519000	2595	16QAM	50	LOW	Pass
10	519000	2595	64QAM	50	LOW	Pass
10	519000	2595	256QAM	50	LOW	Pass
10	523000	2615	BPSK	50	LOW	Pass
10	523000	2615	QPSK	50	LOW	Pass
10	523000	2615	16QAM	50	LOW	Pass
10	523000	2615	64QAM	50	LOW	Pass
10	523000	2615	256QAM	50	LOW	Pass
15	515500	2577.5	BPSK	75	LOW	Pass
15	515500	2577.5	QPSK	75	LOW	Pass
15	515500	2577.5	16QAM	75	LOW	Pass
15	515500	2577.5	64QAM	75	LOW	Pass
15	515500	2577.5	256QAM	75	LOW	Pass
15	519000	2595	BPSK	75	LOW	Pass
15	519000	2595	QPSK	75	LOW	Pass
15	519000	2595	16QAM	75	LOW	Pass
15	519000	2595	64QAM	75	LOW	Pass
15	519000	2595	256QAM	75	LOW	Pass
15	522500	2612.5	BPSK	75	LOW	Pass
15	522500	2612.5	QPSK	75	LOW	Pass
15	522500	2612.5	16QAM	75	LOW	Pass
15	522500	2612.5	64QAM	75	LOW	Pass
15	522500	2612.5	256QAM	75	LOW	Pass
20	522500	2580	BPSK	100	LOW	Pass
20	522500	2580	QPSK	100	LOW	Pass
20	522500	2580	16QAM	100	LOW	Pass
20	522500	2580	64QAM	100	LOW	Pass
20	522500	2580	256QAM	100	LOW	Pass
20	519000	2595	BPSK	100	LOW	Pass
20	519000	2595	QPSK	100	LOW	Pass
20	519000	2595	16QAM	100	LOW	Pass
20	519000	2595	64QAM	100	LOW	Pass
20	519000	2595	256QAM	100	LOW	Pass
20	522000	2610	BPSK	100	LOW	Pass
20	522000	2610	QPSK	100	LOW	Pass
20	522000	2610	16QAM	100	LOW	Pass
20	522000	2610	64QAM	100	LOW	Pass
20	522000	2610	256QAM	100	LOW	Pass



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NR n66:

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	343000	1715	BPSK	50	LOW	Pass
10	343000	1715	QPSK	50	LOW	Pass
10	343000	1715	16QAM	50	LOW	Pass
10	343000	1715	64QAM	50	LOW	Pass
10	343000	1715	256QAM	50	LOW	Pass
10	349000	1745	BPSK	50	LOW	Pass
10	349000	1745	QPSK	50	LOW	Pass
10	349000	1745	16QAM	50	LOW	Pass
10	349000	1745	64QAM	50	LOW	Pass
10	349000	1745	256QAM	50	LOW	Pass
10	355000	1775	BPSK	50	LOW	Pass
10	355000	1775	QPSK	50	LOW	Pass
10	355000	1775	16QAM	50	LOW	Pass
10	355000	1775	64QAM	50	LOW	Pass
10	355000	1775	256QAM	50	LOW	Pass
20	344000	1720	BPSK	75	LOW	Pass
20	344000	1720	QPSK	75	LOW	Pass
20	344000	1720	16QAM	75	LOW	Pass
20	344000	1720	64QAM	75	LOW	Pass
20	344000	1720	256QAM	75	LOW	Pass
20	349000	1745	BPSK	75	LOW	Pass
20	349000	1745	QPSK	75	LOW	Pass
20	349000	1745	16QAM	75	LOW	Pass
20	349000	1745	64QAM	75	LOW	Pass
20	349000	1745	256QAM	75	LOW	Pass
20	354000	1770	BPSK	75	LOW	Pass
20	354000	1770	QPSK	75	LOW	Pass
20	354000	1770	16QAM	75	LOW	Pass
20	354000	1770	64QAM	75	LOW	Pass
20	354000	1770	256QAM	75	LOW	Pass
40	346000	1730	BPSK	100	LOW	Pass
40	346000	1730	QPSK	100	LOW	Pass
40	346000	1730	16QAM	100	LOW	Pass
40	346000	1730	64QAM	100	LOW	Pass
40	346000	1730	256QAM	100	LOW	Pass
40	349000	1745	BPSK	100	LOW	Pass
40	349000	1745	QPSK	100	LOW	Pass
40	349000	1745	16QAM	100	LOW	Pass
40	349000	1745	64QAM	100	LOW	Pass
40	349000	1760	256QAM	100	LOW	Pass
40	349000	1760	BPSK	100	LOW	Pass
40	349000	1760	QPSK	100	LOW	Pass
40	349000	1760	16QAM	100	LOW	Pass
40	349000	1760	64QAM	100	LOW	Pass
40	349000	1760	256QAM	100	LOW	Pass



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Report No.: WSCT-ANAB-R&E240700031A-RF

Certificate Number: AT-3951

NR n77(3450-3550Mhz):

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	630334	3455	BPSK	50	LOW	Pass
10	630334	3455	QPSK	50	LOW	Pass
10	630334	3455	16QAM	50	LOW	Pass
10	630334	3455	64QAM	50	LOW	Pass
10	630334	3455	256QAM	50	LOW	Pass
10	633334	3500	BPSK	50	LOW	Pass
10	633334	3500	QPSK	50	LOW	Pass
10	633334	3500	16QAM	50	LOW	Pass
10	633334	3500	64QAM	50	LOW	Pass
10	633334	3500	256QAM	50	LOW	Pass
10	636332	3545	BPSK	50	LOW	Pass
10	636332	3545	QPSK	50	LOW	Pass
10	636332	3545	16QAM	50	LOW	Pass
10	636332	3545	64QAM	50	LOW	Pass
10	636332	3545	256QAM	50	LOW	Pass
50	631668	3475	BPSK	75	LOW	Pass
50	631668	3475	QPSK	75	LOW	Pass
50	631668	3475	16QAM	75	LOW	Pass
50	631668	3475	64QAM	75	LOW	Pass
50	631668	3475	256QAM	75	LOW	Pass
50	633334	3500	BPSK	75	LOW	Pass
50	633334	3500	QPSK	75	LOW	Pass
50	633334	3500	16QAM	75	LOW	Pass
50	633334	3500	64QAM	75	LOW	Pass
50	633334	3500	256QAM	75	LOW	Pass
50	635000	3525	BPSK	75	LOW	Pass
50	635000	3525	QPSK	75	LOW	Pass
50	635000	3525	16QAM	75	LOW	Pass
50	635000	3525	64QAM	75	LOW	Pass
50	635000	3525	256QAM	75	LOW	Pass
100	633334	3500	BPSK	100	LOW	Pass
100	633334	3500	QPSK	100	LOW	Pass
100	633334	3500	16QAM	100	LOW	Pass
100	633334	3500	64QAM	100	LOW	Pass
100	633334	3500	256QAM	100	LOW	Pass

NR n77(3700-3980Mhz):

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	647000	3705	BPSK	50	LOW	Pass
10	647000	3705	QPSK	50	LOW	Pass
10	647000	3705	16QAM	50	LOW	Pass
10	647000	3705	64QAM	50	LOW	Pass
10	647000	3705	256QAM	50	LOW	Pass
10	650000	3750	BPSK	50	LOW	Pass
10	656000	3890	QPSK	50	LOW	Pass
10	650000	3750	16QAM	50	LOW	Pass
10	650000	3750	64QAM	50	LOW	Pass
10	656000	3890	256QAM	50	LOW	Pass



Report No.: WSCT-ANAB-R&E240700031A-RF

Certificate Number: AT-3951

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	665000	3975	BPSK	50	LOW	Pass
10	665000	3975	QPSK	50	LOW	Pass
10	665000	3975	16QAM	50	LOW	Pass
10	665000	3975	64QAM	50	LOW	Pass
10	665000	3975	256QAM	50	LOW	Pass
50	648334	3725	BPSK	75	LOW	Pass
50	648334	3725	QPSK	75	LOW	Pass
50	648334	3725	16QAM	75	LOW	Pass
50	648334	3725	64QAM	75	LOW	Pass
50	648334	3725	256QAM	75	LOW	Pass
50	656000	3890	BPSK	75	LOW	Pass
50	656000	3890	QPSK	75	LOW	Pass
50	656000	3890	16QAM	75	LOW	Pass
50	656000	3890	64QAM	75	LOW	Pass
50	656000	3890	256QAM	75	LOW	Pass
50	663666	3955	BPSK	75	LOW	Pass
50	663666	3955	QPSK	75	LOW	Pass
50	663666	3955	16QAM	75	LOW	Pass
50	663666	3955	64QAM	75	LOW	Pass
50	663666	3955	256QAM	75	LOW	Pass
100	650000	3750	BPSK	100	LOW	Pass
100	650000	3750	QPSK	100	LOW	Pass
100	650000	3750	16QAM	100	LOW	Pass
100	650000	3750	64QAM	100	LOW	Pass
100	650000	3750	256QAM	100	LOW	Pass
100	656000	3890	BPSK	100	LOW	Pass
100	656000	3890	QPSK	100	LOW	Pass
100	656000	3890	16QAM	100	LOW	Pass
100	656000	3890	64QAM	100	LOW	Pass
100	656000	3890	256QAM	100	LOW	Pass
100	662000	3930	BPSK	100	LOW	Pass
100	662000	3930	QPSK	100	LOW	Pass
100	662000	3930	16QAM	100	LOW	Pass
100	662000	3930	64QAM	100	LOW	Pass
100	662000	3930	256QAM	100	LOW	Pass

NR n78(3450-3550Mhz):

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	630334	3455	BPSK	50	LOW	Pass
10	630334	3455	QPSK	50	LOW	Pass
10	630334	3455	16QAM	50	LOW	Pass
10	630334	3455	64QAM	50	LOW	Pass
10	630334	3455	256QAM	50	LOW	Pass
10	633334	3500	BPSK	50	LOW	Pass
10	633334	3500	QPSK	50	LOW	Pass
10	633334	3500	16QAM	50	LOW	Pass
10	633334	3500	64QAM	50	LOW	Pass
10	633334	3500	256QAM	50	LOW	Pass
10	636332	3545	BPSK	50	LOW	Pass



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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	636332	3545	QPSK	50	LOW	Pass
10	636332	3545	16QAM	50	LOW	Pass
10	636332	3545	64QAM	50	LOW	Pass
10	636332	3545	256QAM	50	LOW	Pass
50	631668	3475	BPSK	75	LOW	Pass
50	631668	3475	QPSK	75	LOW	Pass
50	631668	3475	16QAM	75	LOW	Pass
50	631668	3475	64QAM	75	LOW	Pass
50	631668	3475	256QAM	75	LOW	Pass
50	633334	3500	BPSK	75	LOW	Pass
50	633334	3500	QPSK	75	LOW	Pass
50	633334	3500	16QAM	75	LOW	Pass
50	633334	3500	64QAM	75	LOW	Pass
50	633334	3500	256QAM	75	LOW	Pass
50	635000	3525	BPSK	75	LOW	Pass
50	635000	3525	QPSK	75	LOW	Pass
50	635000	3525	16QAM	75	LOW	Pass
50	635000	3525	64QAM	75	LOW	Pass
50	635000	3525	256QAM	75	LOW	Pass
100	633334	3500	BPSK	100	LOW	Pass
100	633334	3500	QPSK	100	LOW	Pass
100	633334	3500	16QAM	100	LOW	Pass
100	633334	3500	64QAM	100	LOW	Pass
100	633334	3500	256QAM	100	LOW	Pass

NR n78(3700-3800Mhz):

Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
10	647000	3705	BPSK	50	LOW	Pass
10	647000	3705	QPSK	50	LOW	Pass
10	647000	3705	16QAM	50	LOW	Pass
10	647000	3705	64QAM	50	LOW	Pass
10	647000	3705	256QAM	50	LOW	Pass
10	650000	3750	BPSK	50	LOW	Pass
10	650000	3750	QPSK	50	LOW	Pass
10	650000	3750	16QAM	50	LOW	Pass
10	650000	3750	64QAM	50	LOW	Pass
10	650000	3750	256QAM	50	LOW	Pass
10	653000	3775	BPSK	50	LOW	Pass
10	653000	3775	QPSK	50	LOW	Pass
10	653000	3775	16QAM	50	LOW	Pass
10	653000	3775	64QAM	50	LOW	Pass
10	653000	3775	256QAM	50	LOW	Pass
50	648334	3725	BPSK	75	LOW	Pass
50	648334	3725	QPSK	75	LOW	Pass
50	648334	3725	16QAM	75	LOW	Pass
50	648334	3725	64QAM	75	LOW	Pass
50	648334	3725	256QAM	75	LOW	Pass
50	650000	3750	BPSK	75	LOW	Pass
50	650000	3750	QPSK	75	LOW	Pass



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Certificate Number: AT-3951

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Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
50	650000	3750	16QAM	75	LOW	Pass
50	650000	3750	64QAM	75	LOW	Pass
50	650000	3750	256QAM	75	LOW	Pass
50	651666	3775	BPSK	75	LOW	Pass
50	651666	3775	QPSK	75	LOW	Pass
50	651666	3775	16QAM	75	LOW	Pass
50	651666	3775	64QAM	75	LOW	Pass
50	651666	3775	256QAM	75	LOW	Pass
100	650000	3750	BPSK	100	LOW	Pass
100	650000	3750	QPSK	100	LOW	Pass
100	650000	3750	16QAM	100	LOW	Pass
100	650000	3750	64QAM	100	LOW	Pass
100	650000	3750	256QAM	100	LOW	Pass

Test Plot(s)



Report No.: WSCT-ANAB-R&E240700031A-RF

Conducted method

Test limit:

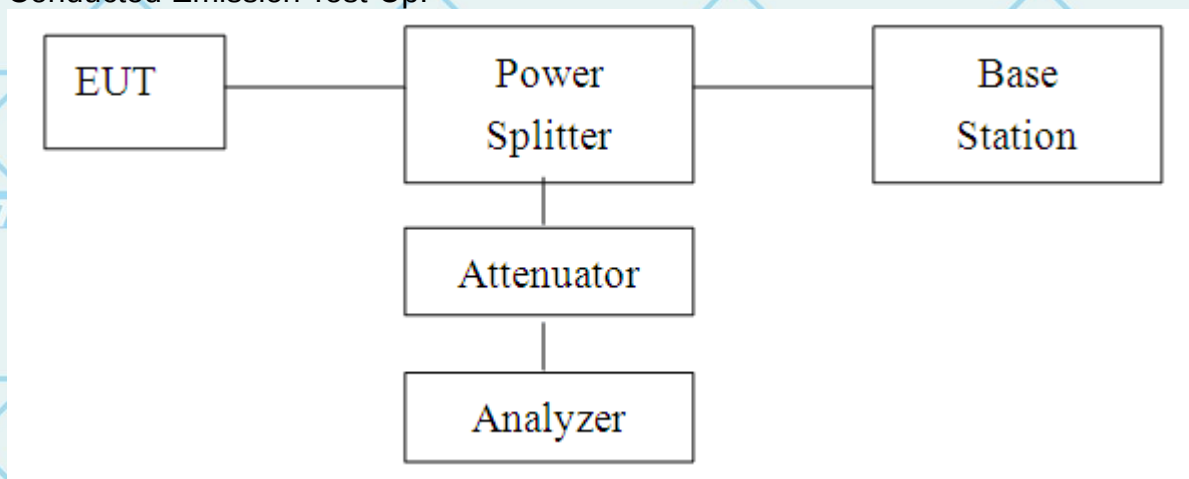
The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least $X + 10\log(P)$ dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation $X + 10\log(P)$ being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e., $10\log(P) - \{X + 10\log(P)\}$], resulting in an absolute level of -X dBW [or $(-X + 30)$ dBm]. See section 4.

Test procedure:

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

Conducted Emission Test-Up:





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Report No.: WSCT-ANAB-R&E240700031A-RF

Radiated method

Test limit:

The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

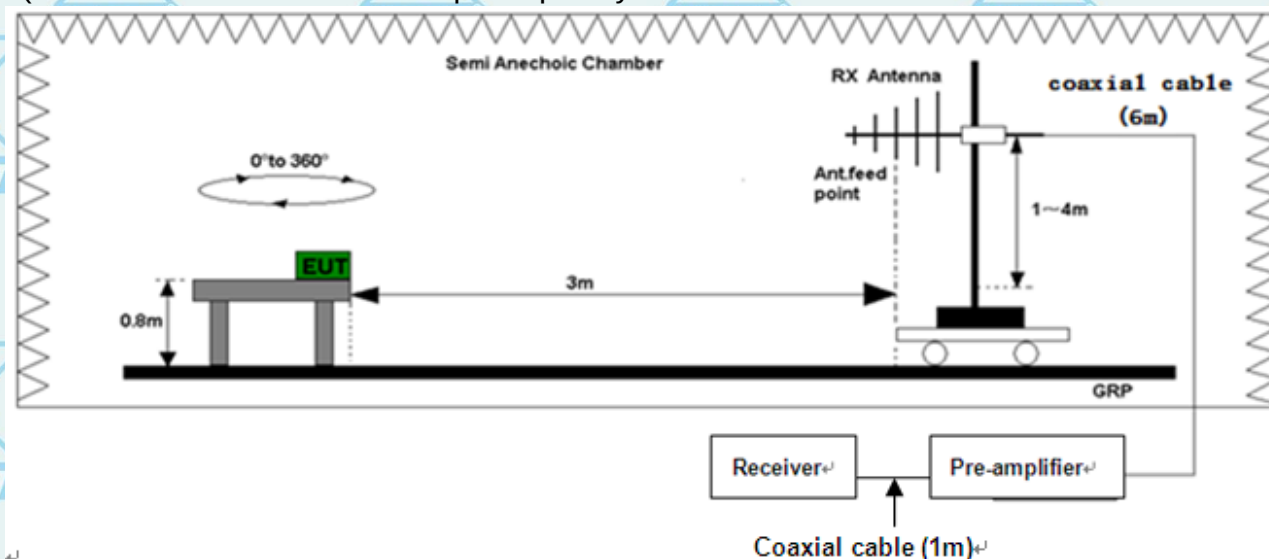
Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least $X + 10\log(P)$ dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation $X + 10\log(P)$ being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e., $10\log(P) - \{X + 10\log(P)\}$], resulting in an absolute level of -X dBW [or $(-X + 30)$ dBm]. See section 4.

Test procedure:

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

Test setup:

(A) Radiated Emission Test-Up Frequency 30MHz~1GHz

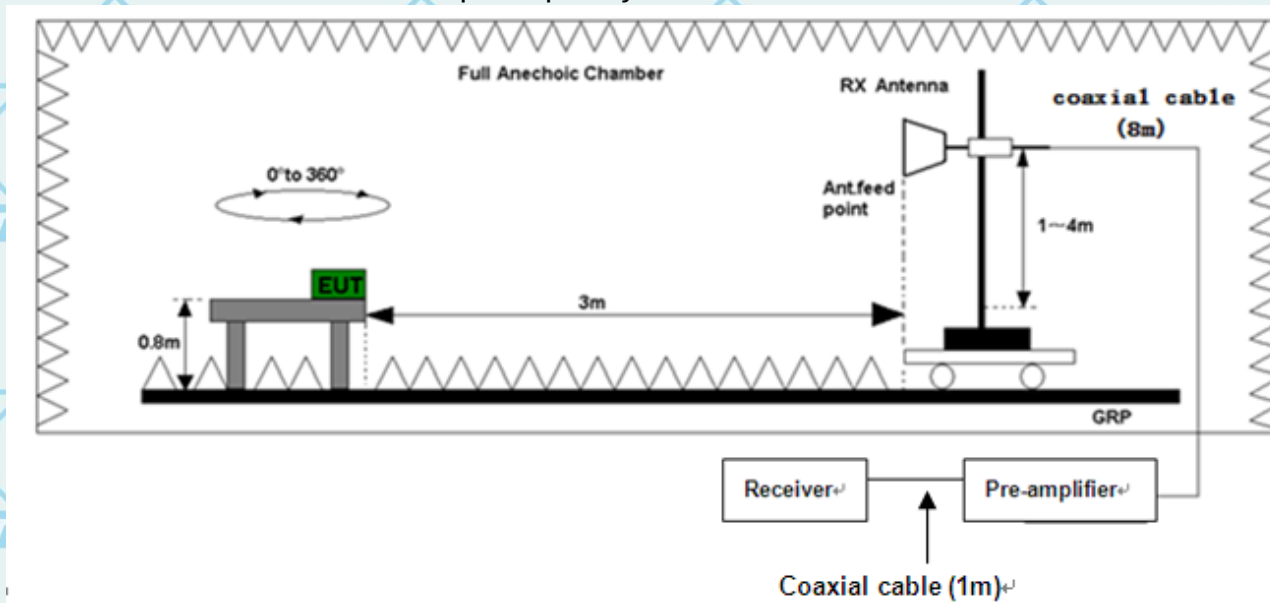




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Report No.: WSCT-ANAB-R&E240700031A-RF

(B) Radiated Emission Test-Up Frequency Above 1GHz



Note:

- 1, Below 30MHz no Spurious found.
- 2, UE is positioned at 3 axis at the pre-scan stage, and only the measurement of the worst case is reported in this part.



Report No.: WSCT-ANAB-R&E240700031A-RF

List of final test modes:
GSM850:

Channel	UL Channel	Frequency	Judgment
Middle	190	836.6	Pass

PCS1900

Channel	UL Channel	Frequency	Judgment
Middle	661	1880	Pass

UTRA BANDS
Band 2:

Channel	UL Channel	Frequency	Judgment
Middle	9400	1880	Pass

Band 4:.

Channel	UL Channel	Frequency	Judgment
Middle	1413	1732.6	Pass

Band 5:

Channel	UL Channel	Frequency	Judgment
Middle	4182	836.4	Pass



Report No.: WSCT-ANAB-R&E240700031A-RF

E-UTRA BANDS

This is the worst pattern data

Band 2:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	18900	1880	QPSK	100	LOW	Pass

Band 4:

Mode	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
1	20	20300	1745	Q16	100	LOW	Pass

Band 5:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	10	20525	836.5	QPSK	50	LOW	Pass

Band 7:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	21350	2560	QPSK	100	LOW	Pass

Band 12:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	10	23095	707.5	QPSK	50	LOW	Pass

Band 17:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	10	23790	710	QPSK	50	LOW	Pass

Band 38:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	38000	2595	QPSK	100	LOW	Pass

Band 41:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	40620	2593	QPSK	100	LOW	Pass

Band 42(3450-3550Mhz):

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	42590	3500	QPSK	100	LOW	Pass

Band 66:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	132322	1745	QPSK	100	LOW	Pass



Report No.: WSCT-ANAB-R&E240700031A-RF

NR Bands

This is the worst pattern data

n5:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	167300	836.5	QPSK	100	LOW	Pass

n7:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	507000	2535	QPSK	100	LOW	Pass

n12:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	15	141500	707.5	QPSK	75	LOW	Pass

n38:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	20	519000	2595	QPSK	100	LOW	Pass

n41:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	100	518598	2593	QPSK	100	LOW	Pass

n66:

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	40	349000	1745	QPSK	100	LOW	Pass



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Report No.: WSCT-ANAB-R&E240700031A-RF

n77(3450-3550Mhz):

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	100	633034	3500	QPSK	100	LOW	Pass

n77(3700-3980Mhz):

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	100	656000	3890	QPSK	100	LOW	Pass

n78(3450-3550Mhz):

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	100	633034	3500	QPSK	100	LOW	Pass

n78(3700-3800Mhz):

Channel	Bandwidth	UL Channel	Frequency	Modulation	RB Size	RB Offset	Judgment
Middle	100	650000	3750	QPSK	100	LOW	Pass

Test record:

Note:

1. The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the AR_{pl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:

$$\text{Power} = P_{\text{Mea}} + A_{R_{pl}}$$

2. $AR_{pl} = \text{Cable loss} + \text{Antenna gain}$



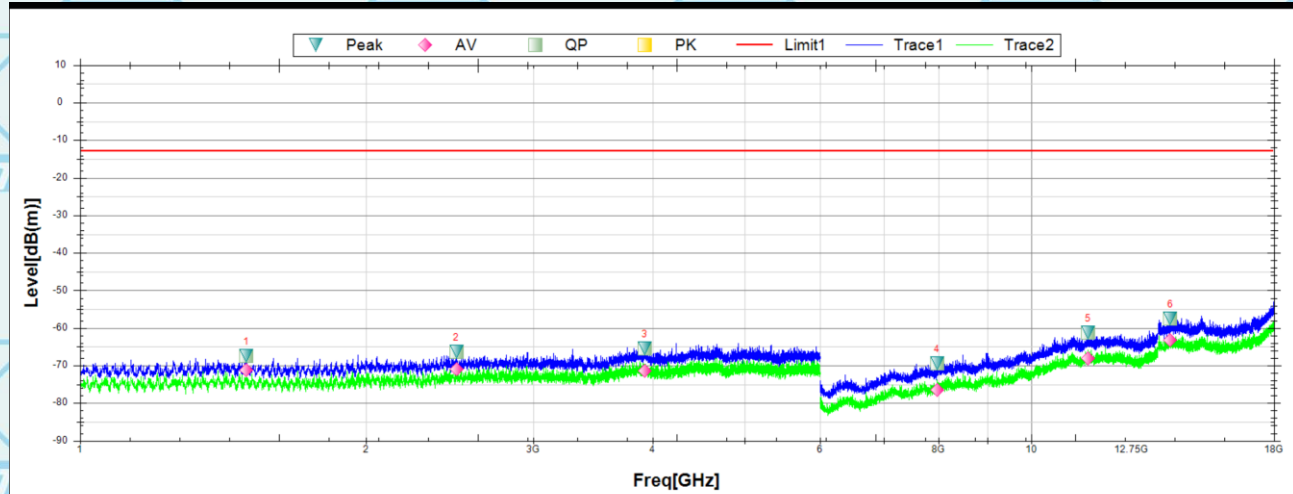


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Report No.: WSCT-ANAB-R&E240700031A-RF

GSM850:

Horizontal:



Suspected Data List

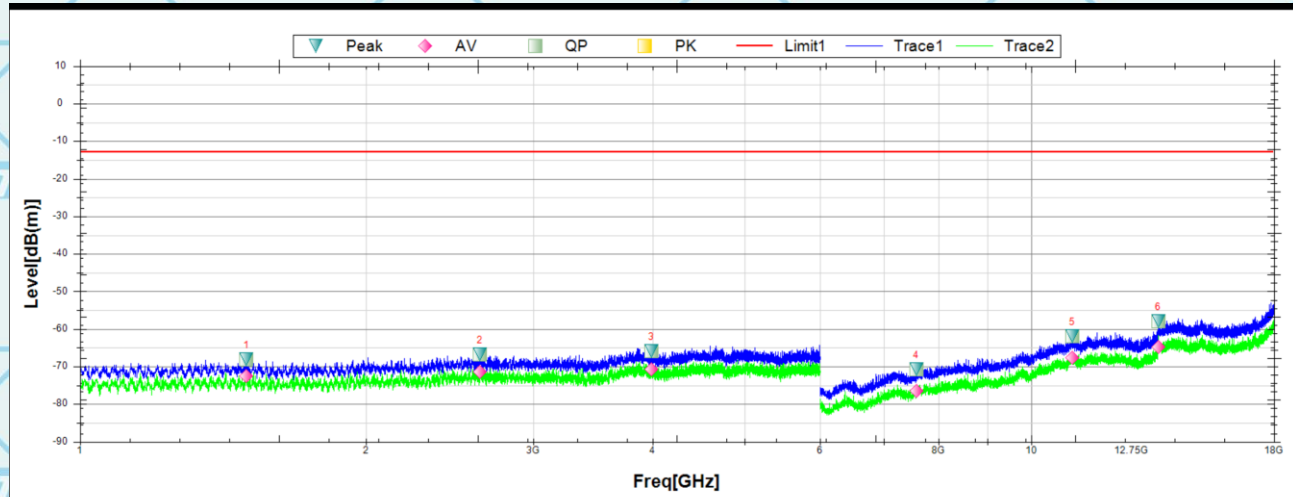
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1496.2500	-67.47	25	-92.47	-13	-54.47	360.1	Horizontal	PK	Pass
2	2487.5000	-66.32	27.56	-93.88	-13	-53.32	19.1	Horizontal	PK	Pass
3	3927.5000	-65.57	29.53	-95.1	-13	-52.57	56.6	Horizontal	PK	Pass
4	7963.5000	-69.47	36.95	-106.42	-13	-56.47	0	Horizontal	PK	Pass
5	11482.5000	-61.26	39.07	-100.33	-13	-48.26	108.6	Horizontal	PK	Pass
6	14013.0000	-57.55	41.48	-99.03	-13	-44.55	59.5	Horizontal	PK	Pass



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Report No.: WSCT-ANAB-R&E240700031A-RF

Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1496.8750	-68.06	25	-93.06	-13	-55.06	341.2	Vertical	PK	Pass
2	2635.0000	-66.86	27.76	-94.62	-13	-53.86	0.5	Vertical	PK	Pass
3	3990.0000	-65.99	29.68	-95.67	-13	-52.99	251.6	Vertical	PK	Pass
4	7572.0000	-70.75	36.36	-107.11	-13	-57.75	201.7	Vertical	PK	Pass
5	11049.0000	-61.93	39.46	-101.39	-13	-48.93	153.9	Vertical	PK	Pass
6	13600.5000	-58	40.46	-98.46	-13	-45	204.1	Vertical	PK	Pass

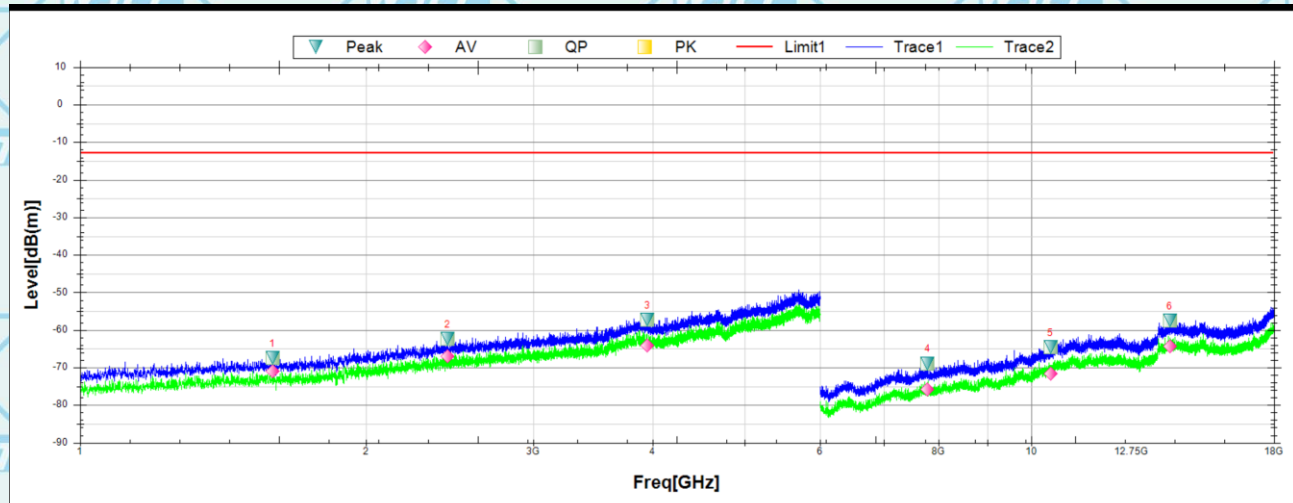


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PCS1900:

Horizontal:



Suspected Data List

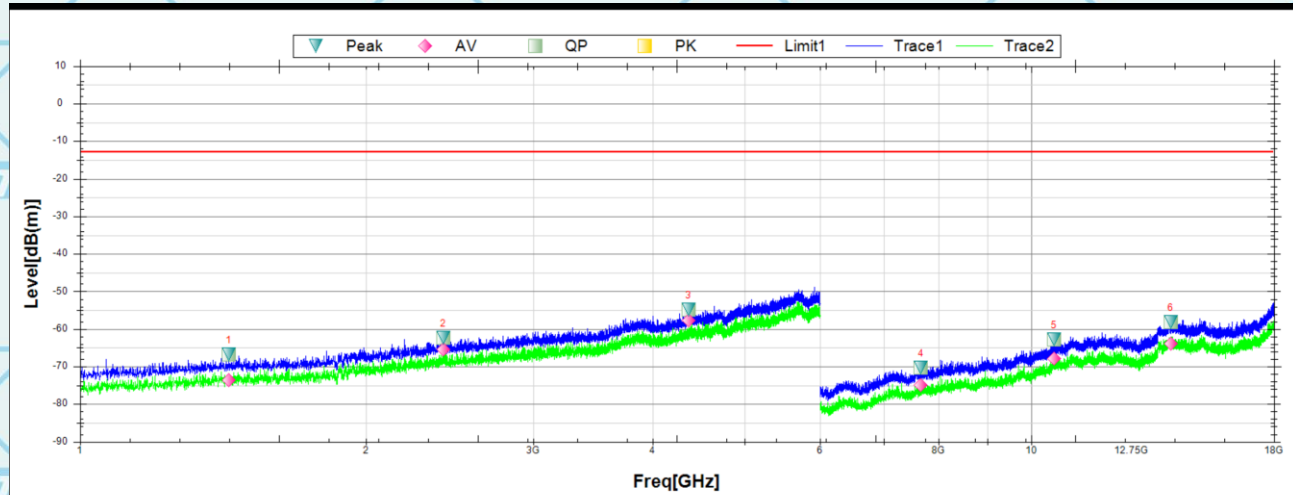
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1593.7500	-67.38	0.89	-68.27	-13	-54.38	18.2	Horizontal	PK	Pass
2	2436.2500	-62.44	6.2	-68.64	-13	-49.44	360.1	Horizontal	PK	Pass
3	3953.1250	-57.35	12.85	-70.2	-13	-44.35	0.4	Horizontal	PK	Pass
4	7786.5000	-68.9	36.68	-105.58	-13	-55.9	131.2	Horizontal	PK	Pass
5	10482.0000	-64.61	38.77	-103.38	-13	-51.61	0	Horizontal	PK	Pass
6	13987.5000	-57.59	41.47	-99.06	-13	-44.59	173.1	Horizontal	PK	Pass



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Vertical:



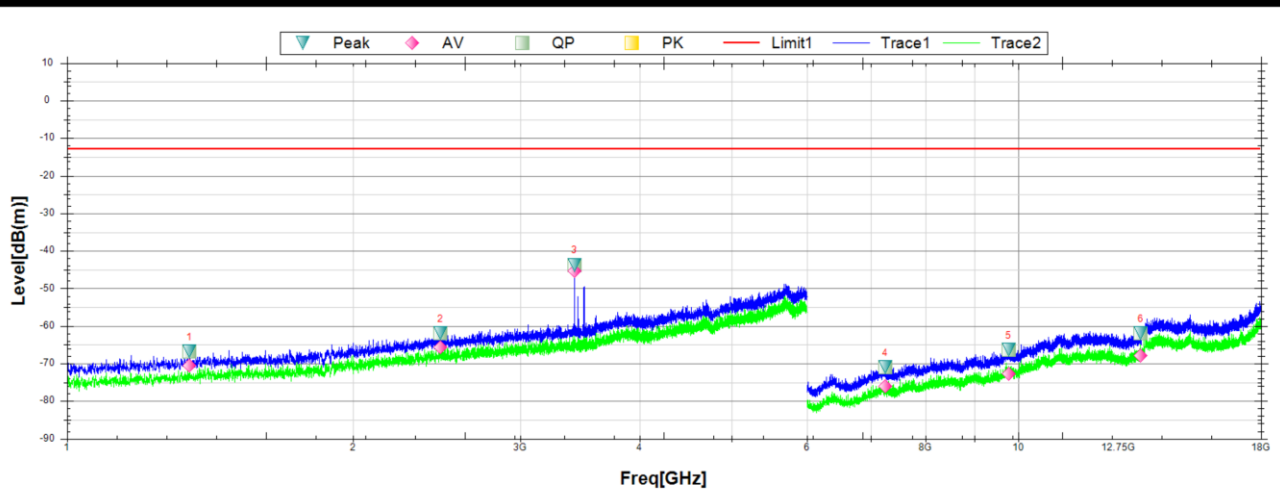
Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1434.3750	-66.88	0.21	-67.09	-13	-53.88	178.6	Vertical	PK	Pass
2	2411.2500	-62.29	6.04	-68.33	-13	-49.29	4.6	Vertical	PK	Pass
3	4365.6250	-54.9	14.72	-69.62	-13	-41.9	12	Vertical	PK	Pass
4	7662.0000	-70.31	36.49	-106.8	-13	-57.31	349.8	Vertical	PK	Pass
5	10575.0000	-62.84	38.9	-101.74	-13	-49.84	151.5	Vertical	PK	Pass
6	14019.0000	-58.21	41.48	-99.69	-13	-45.21	127.6	Vertical	PK	Pass



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UTRA BANDS
Band 2:
Horizontal:



Suspected Data List

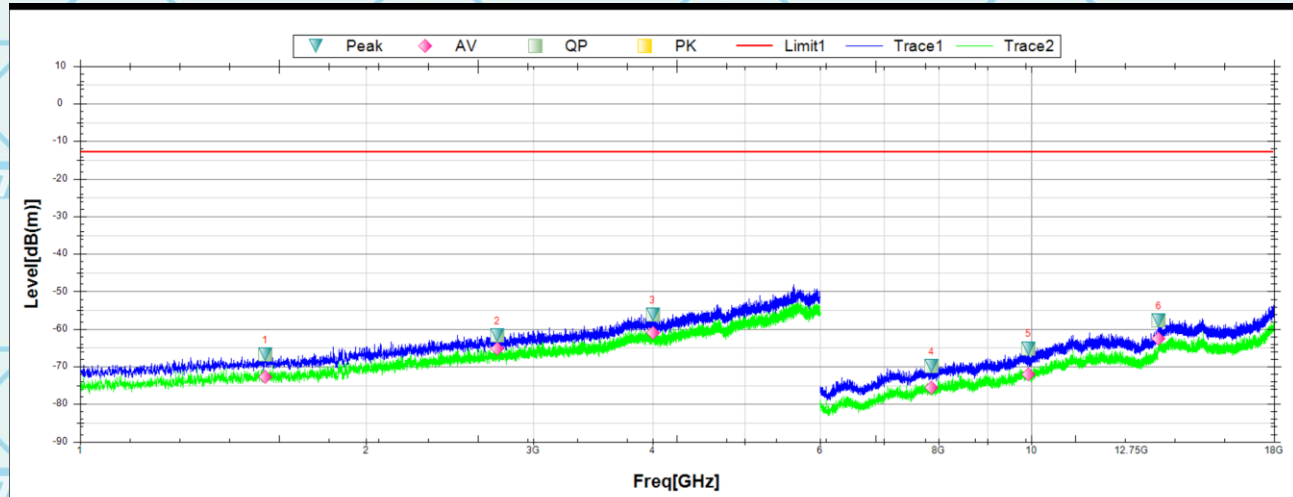
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1345.6250	-66.74	-0.22	-66.52	-13	-53.74	280.7	Horizontal	PK	Pass
2	2471.2500	-62.02	6.41	-68.43	-13	-49.02	333.4	Horizontal	PK	Pass
3	3418.7500	-43.72	10.35	-54.07	-13	-30.72	314.2	Horizontal	PK	Pass
4	7251.0000	-71.03	35.88	-106.91	-13	-58.03	359.9	Horizontal	PK	Pass
5	9775.5000	-66.33	37.94	-104.27	-13	-53.33	281.2	Horizontal	PK	Pass
6	13459.5000	-61.87	40.09	-101.96	-13	-48.87	195.2	Horizontal	PK	Pass



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Vertical:



Suspected Data List

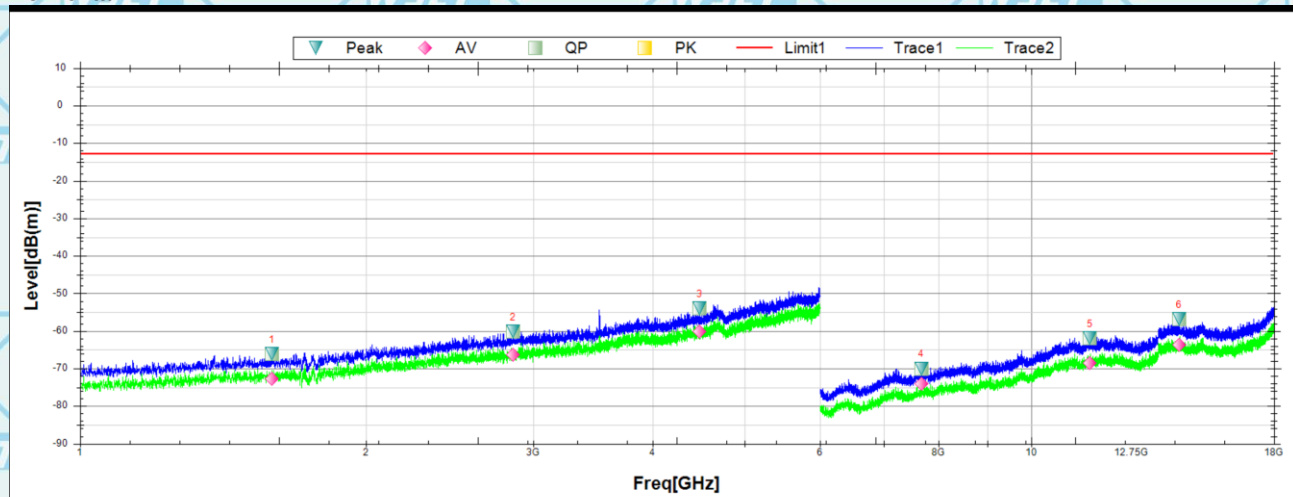
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1566.2500	-66.78	0.89	-67.67	-13	-53.78	53.1	Vertical	PK	Pass
2	2748.1250	-61.7	7.75	-69.45	-13	-48.7	20.1	Vertical	PK	Pass
3	4001.2500	-56.22	13.08	-69.3	-13	-43.22	46	Vertical	PK	Pass
4	7861.5000	-69.87	36.79	-106.66	-13	-56.87	120.5	Vertical	PK	Pass
5	9939.0000	-65.15	38.06	-103.21	-13	-52.15	71.4	Vertical	PK	Pass
6	13623.0000	-57.68	40.52	-98.2	-13	-44.68	183.8	Vertical	PK	Pass



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Band 4:
Horizontal:



Suspected Data List

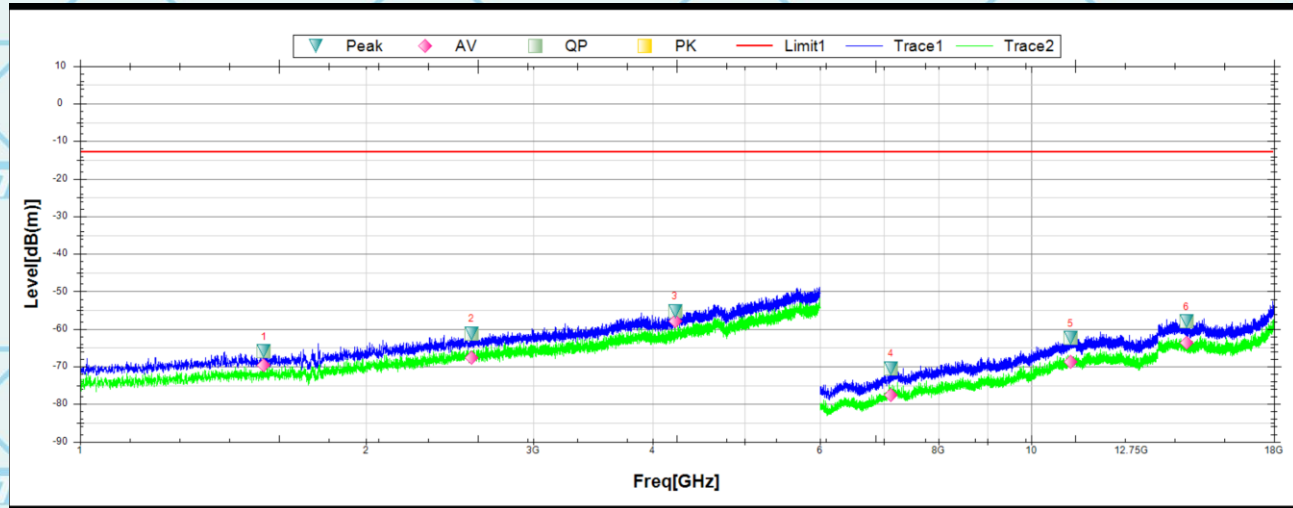
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1591.8750	-66.22	0.41	-66.63	-13	-53.22	213.7	Horizontal	PK	Pass
2	2854.3750	-60.09	7.41	-67.5	-13	-47.09	295	Horizontal	PK	Pass
3	4485.6250	-54.06	14.29	-68.35	-13	-41.06	303.4	Horizontal	PK	Pass
4	7666.5000	-70	36.5	-106.5	-13	-57	148.8	Horizontal	PK	Pass
5	11536.5000	-61.97	39.02	-100.99	-13	-48.97	265.9	Horizontal	PK	Pass
6	14307.0000	-56.9	41.1	-98	-13	-43.9	135.6	Horizontal	PK	Pass



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Vertical:



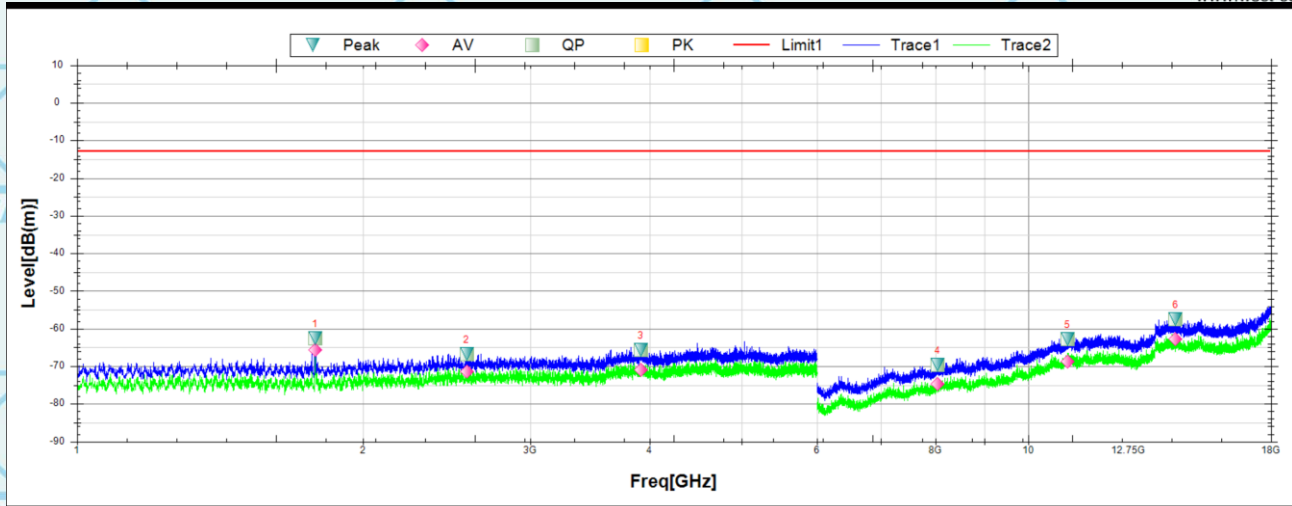
Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1561.8750	-66.01	0.21	-66.22	-13	-53.01	58.2	Vertical	PK	Pass
2	2581.2500	-61.17	6.26	-67.43	-13	-48.17	53.4	Vertical	PK	Pass
3	4224.3750	-55.2	13.15	-68.35	-13	-42.2	61.8	Vertical	PK	Pass
4	7125.0000	-70.45	35.69	-106.14	-13	-57.45	5.8	Vertical	PK	Pass
5	11005.5000	-62.41	39.5	-101.91	-13	-49.41	190.6	Vertical	PK	Pass
6	14566.5000	-57.99	40.76	-98.75	-13	-44.99	51.9	Vertical	PK	Pass



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Band 5:
Horizontal:



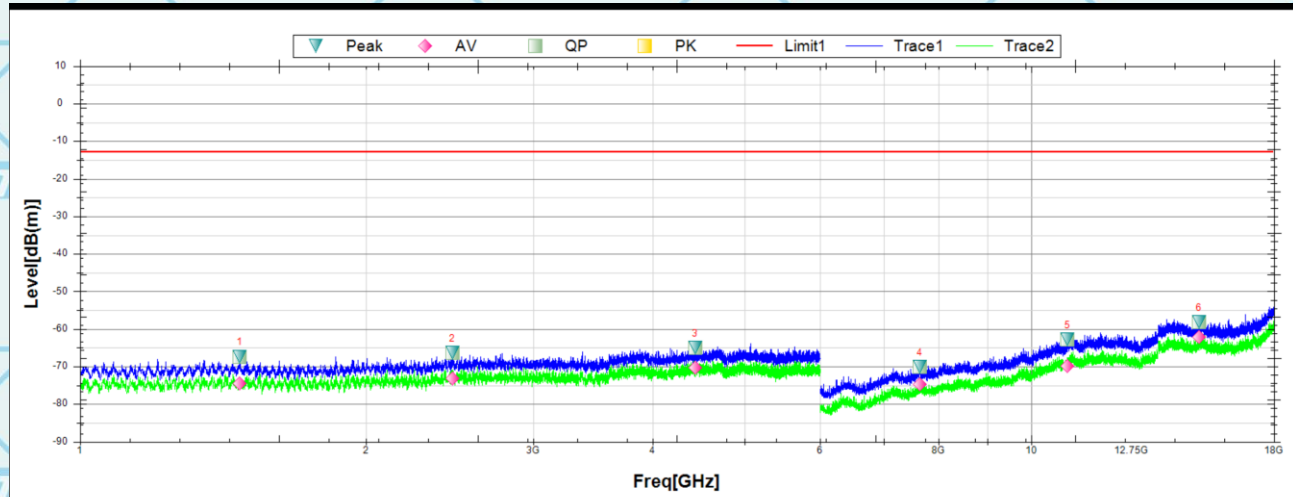
Suspected Data List										
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1780.6250	-62.68	24.99	-87.67	-13	-49.68	43.9	Horizontal	PK	Pass
2	2568.7500	-66.7	27.68	-94.38	-13	-53.7	267.4	Horizontal	PK	Pass
3	3918.1250	-65.66	29.5	-95.16	-13	-52.66	265	Horizontal	PK	Pass
4	8035.5000	-69.7	37.01	-106.71	-13	-56.7	262.2	Horizontal	PK	Pass
5	11002.5000	-62.8	39.5	-102.3	-13	-49.8	131.8	Horizontal	PK	Pass
6	14296.5000	-57.46	41.11	-98.57	-13	-44.46	319.5	Horizontal	PK	Pass



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Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1472.5000	-67.36	25.03	-92.39	-13	-54.36	219.6	Vertical	PK	Pass
2	2464.3750	-66.42	27.48	-93.9	-13	-53.42	-0.1	Vertical	PK	Pass
3	4436.2500	-65.11	30.49	-95.6	-13	-52.11	358.7	Vertical	PK	Pass
4	7641.0000	-70.12	7.95	-78.07	-13	-57.12	164.2	Vertical	PK	Pass
5	10926.0000	-62.76	15.21	-77.97	-13	-49.76	57.8	Vertical	PK	Pass
6	15013.5000	-58.17	19.01	-77.18	-13	-45.17	98.5	Vertical	PK	Pass



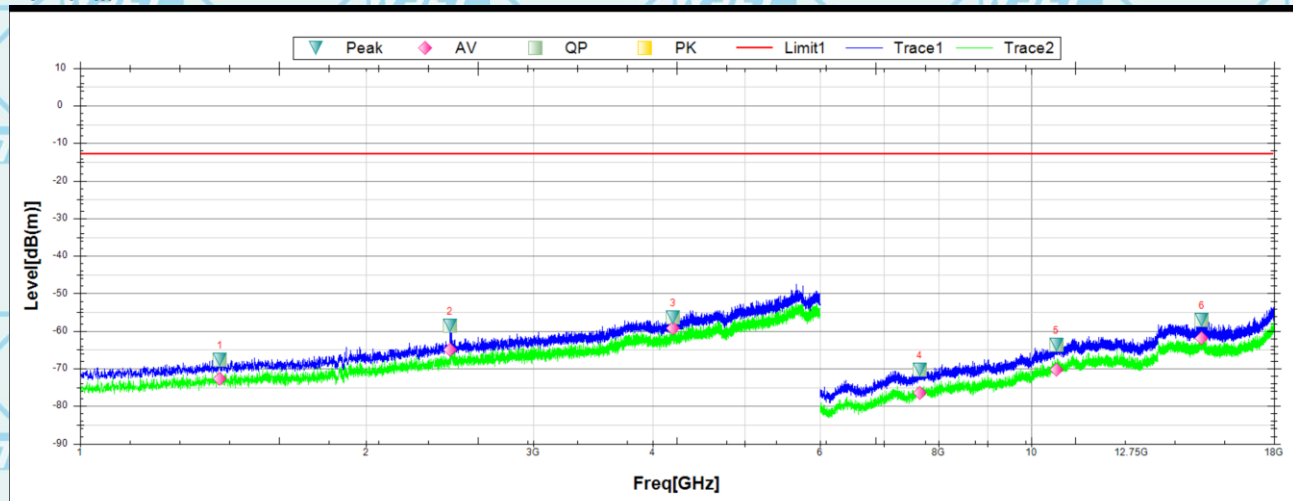
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Report No.: WSCT-ANAB-R&E240700031A-RF

E-UTRA BANDS

Band 2:

Horizontal:



Suspected Data List

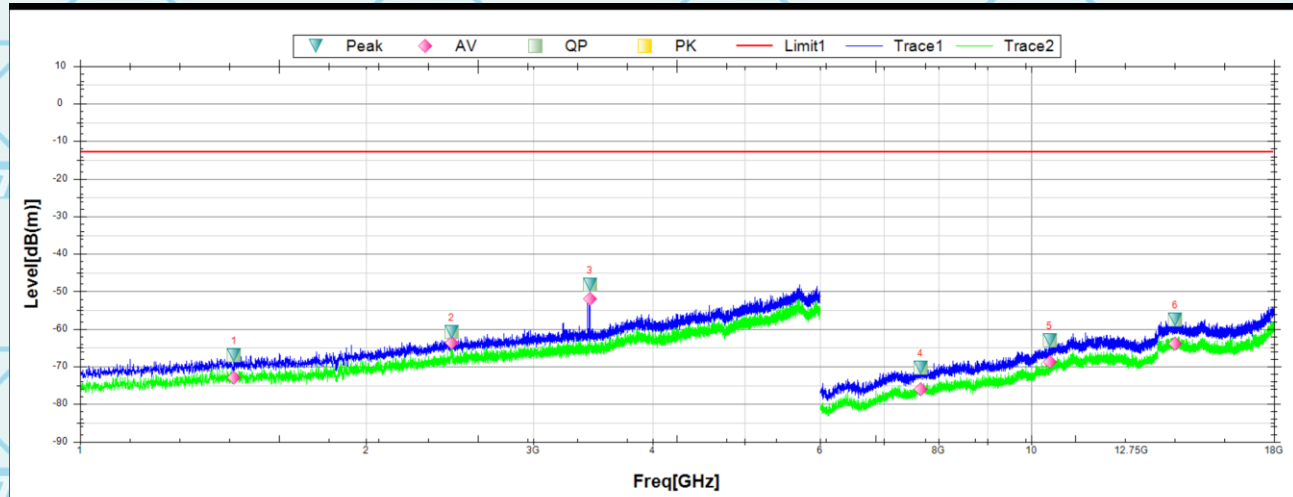
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1403.7500	-67.65	0.19	-67.84	-13	-54.65	127.8	Horizontal	PK	Pass
2	2450.0000	-58.58	6.29	-64.87	-13	-45.58	69.2	Horizontal	PK	Pass
3	4206.2500	-56.4	13.94	-70.34	-13	-43.4	184	Horizontal	PK	Pass
4	7636.5000	-70.39	36.45	-106.84	-13	-57.39	13.7	Horizontal	PK	Pass
5	10627.5000	-63.78	38.98	-102.76	-13	-50.78	252.7	Horizontal	PK	Pass
6	15120.0000	-57.02	39.83	-96.85	-13	-44.02	149.8	Horizontal	PK	Pass



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Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1452.5000	-66.96	0.29	-67.25	-13	-53.96	264	Vertical	PK	Pass
2	2459.3750	-60.77	6.34	-67.11	-13	-47.77	347.8	Vertical	PK	Pass
3	3438.1250	-48.27	10.37	-58.64	-13	-35.27	359.5	Vertical	PK	Pass
4	7653.0000	-70.39	36.48	-106.87	-13	-57.39	213.1	Vertical	PK	Pass
5	10458.0000	-62.96	38.74	-101.7	-13	-49.96	1.4	Vertical	PK	Pass
6	14176.5000	-57.51	41.27	-98.78	-13	-44.51	168.9	Vertical	PK	Pass

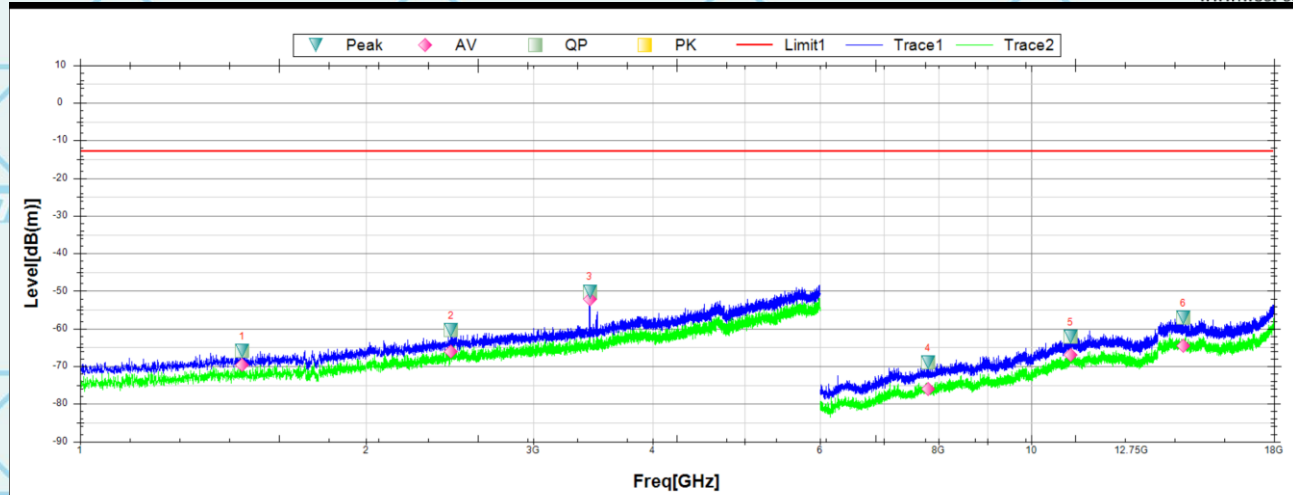


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Band 4:

Horizontal:



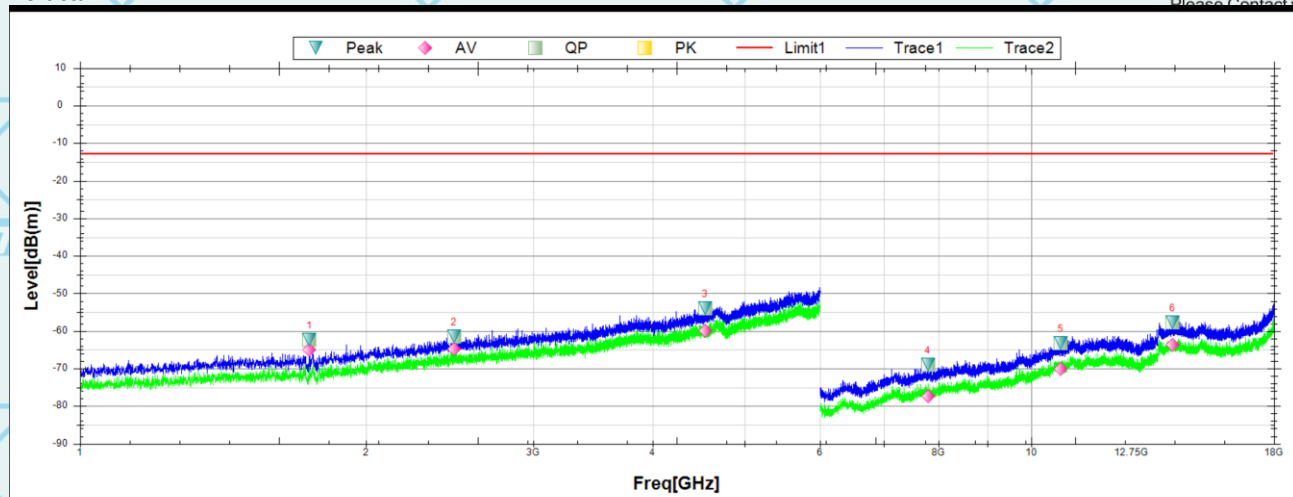
Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1481.2500	-66	-0.14	-65.86	-13	-53	60.2	Horizontal	PK	Pass
2	2457.5000	-60.42	5.69	-66.11	-13	-47.42	350.2	Horizontal	PK	Pass
3	3435.6250	-50.12	9.67	-59.79	-13	-37.12	41.1	Horizontal	PK	Pass
4	7792.5000	-69.11	36.69	-105.8	-13	-56.11	48.7	Horizontal	PK	Pass
5	11004.0000	-62.16	39.5	-101.66	-13	-49.16	222.1	Horizontal	PK	Pass
6	14454.0000	-57.17	40.91	-98.08	-13	-44.17	13	Horizontal	PK	Pass

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Vertical:



Suspected Data List

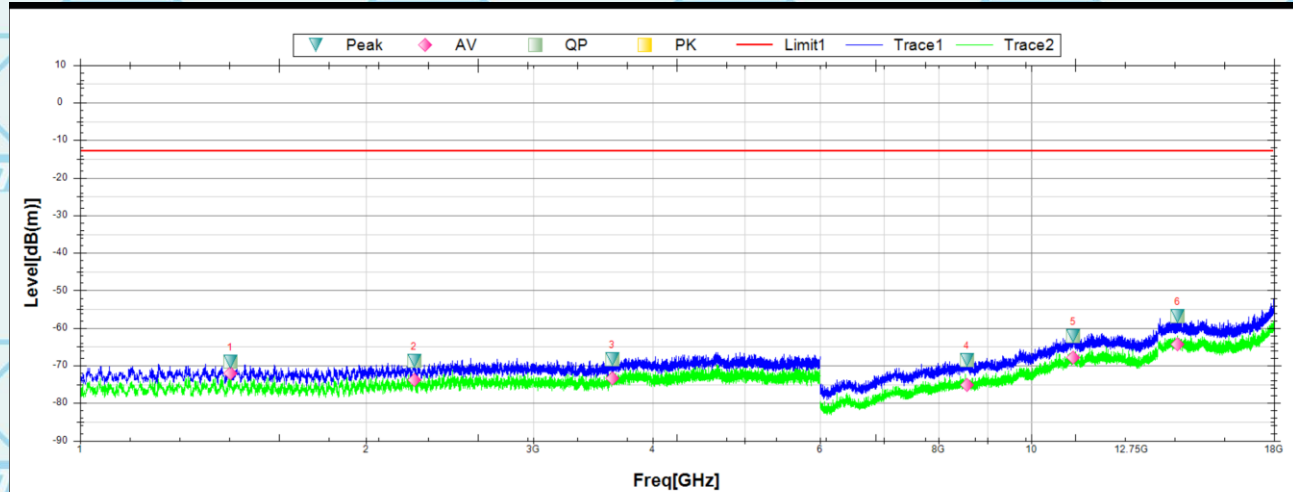
NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1743.7500	-62.34	0.59	-62.93	-13	-49.34	255.5	Vertical	PK	Pass
2	2474.3750	-61.54	5.89	-67.43	-13	-48.54	59.4	Vertical	PK	Pass
3	4543.7500	-53.94	14.67	-68.61	-13	-40.94	-0.1	Vertical	PK	Pass
4	7788.0000	-69.1	36.68	-105.78	-13	-56.1	178.6	Vertical	PK	Pass
5	10746.0000	-63.34	39.14	-102.48	-13	-50.34	26.8	Vertical	PK	Pass
6	14085.0000	-57.65	41.39	-99.04	-13	-44.65	154.6	Vertical	PK	Pass



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Band 5:
Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1438.7500	-69.06	25.06	-94.12	-13	-56.06	119.3	Horizontal	PK	Pass
2	2245.6250	-68.8	26.74	-95.54	-13	-55.8	234	Horizontal	PK	Pass
3	3627.5000	-68.34	28.81	-97.15	-13	-55.34	126.4	Horizontal	PK	Pass
4	8559.0000	-68.47	37.22	-105.69	-13	-55.47	1	Horizontal	PK	Pass
5	11074.5000	-62.19	39.43	-101.62	-13	-49.19	352.1	Horizontal	PK	Pass
6	14256.0000	-56.76	41.17	-97.93	-13	-43.76	358.1	Horizontal	PK	Pass

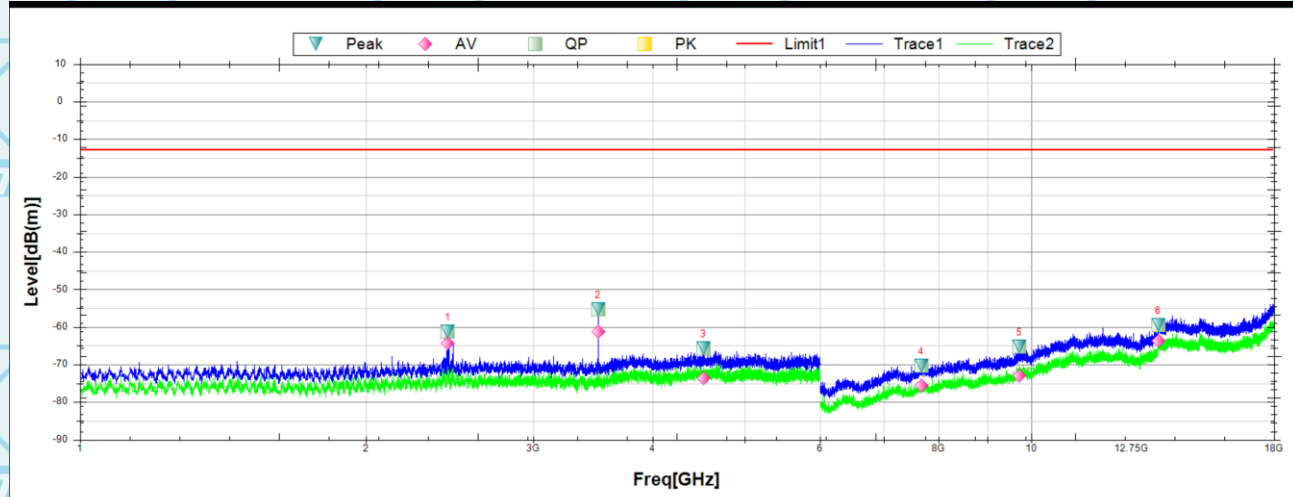


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Certificate Number: AT-3951

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Vertical:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2436.8750	-61.18	27.39	-88.57	-13	-48.18	114.5	Vertical	PK	Pass
2	3506.2500	-55.39	28.52	-83.91	-13	-42.39	204.2	Vertical	PK	Pass
3	4525.0000	-65.78	30.65	-96.43	-13	-52.78	0	Vertical	PK	Pass
4	7663.5000	-70.28	36.5	-106.78	-13	-57.28	136.8	Vertical	PK	Pass
5	9721.5000	-65.27	37.91	-103.18	-13	-52.27	128.4	Vertical	PK	Pass
6	13602.0000	-59.52	40.47	-99.99	-13	-46.52	310.2	Vertical	PK	Pass

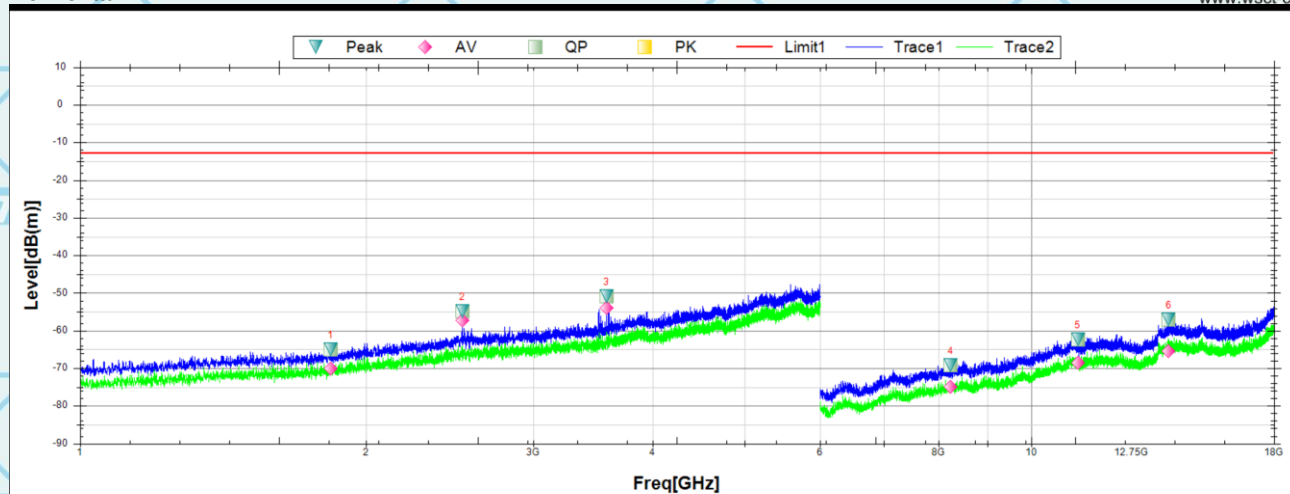


For Question,
Please Contact with WSCT
www.wsct-cert.com

Report No.: WSCT-ANAB-R&E240700031A-RF

Band 7:

Horizontal:



Suspected Data List

NO.	Freq. [MHz]	Reading [dB(m)]	Factor [dB]	Level [dB(m)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1835.0000	-64.98	2.06	-67.04	-13	-51.98	119.3	Horizontal	PK	Pass
2	2525.0000	-54.79	7.45	-62.24	-13	-41.79	281.8	Horizontal	PK	Pass
3	3579.3750	-50.8	11.15	-61.95	-13	-37.8	182.6	Horizontal	PK	Pass
4	8233.5000	-69.33	37.09	-106.42	-13	-56.33	333.8	Horizontal	PK	Pass
5	11196.0000	-62.42	39.32	-101.74	-13	-49.42	0.4	Horizontal	PK	Pass
6	13957.5000	-57.1	41.39	-98.49	-13	-44.1	245.4	Horizontal	PK	Pass