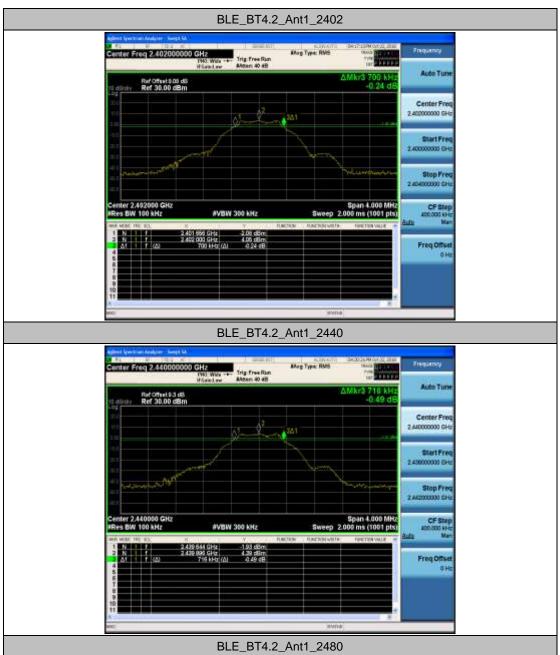
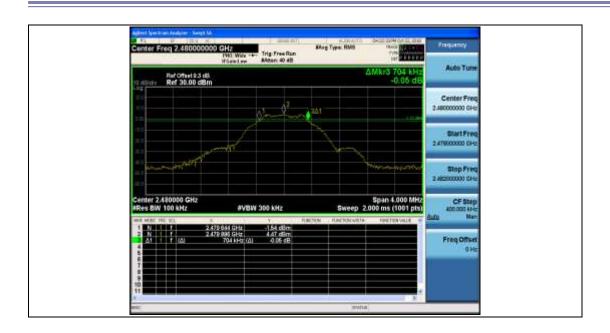


Appendix A: DTS Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
		2402	0.700	2401.656	2402.356		PASS
BLE_BT4.2	Ant1	2440	0.716	2439.644	2440.360		PASS
		2480	0.704	2479.644	2480.348		PASS

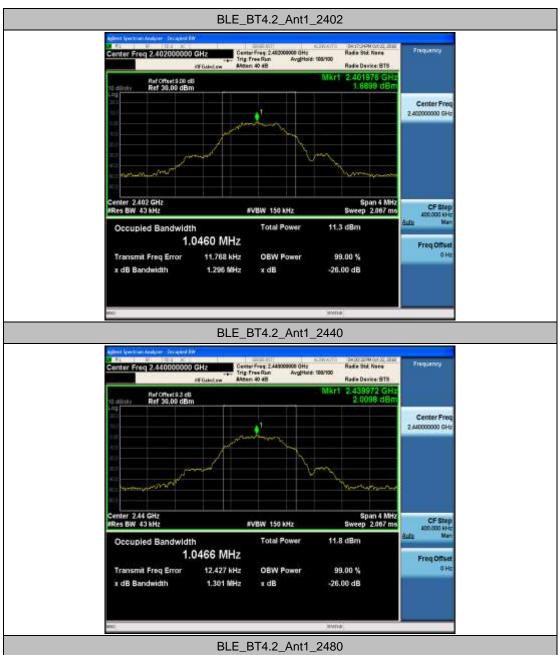


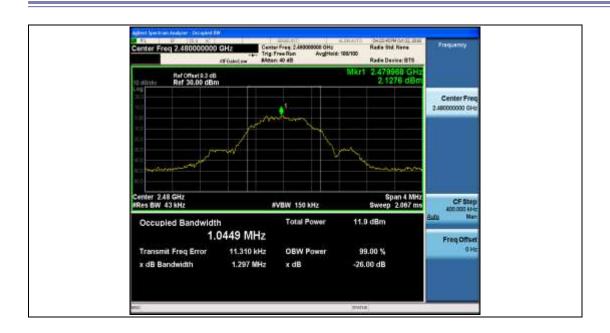




Appendix B: Occupied Channel Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
		2402	1.0460	2401.489	2402.535		PASS
BLE_BT4.2	Ant1	2440	1.0466	2439.489	2440.536		PASS
		2480	1.0449	2479.489	2480.534		PASS

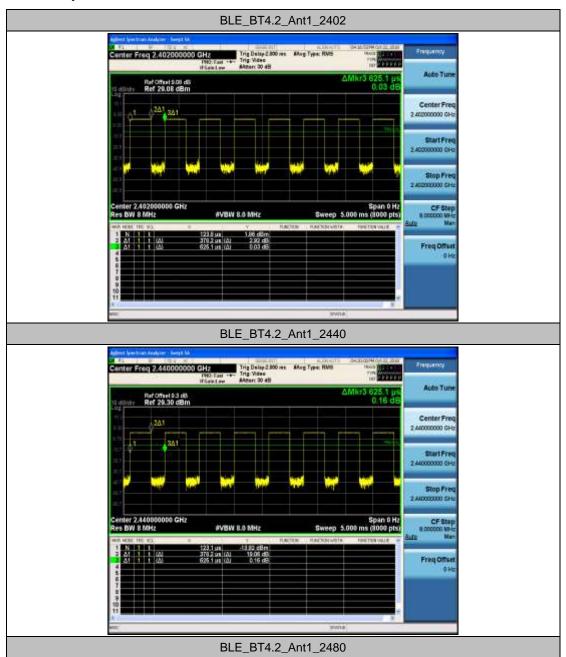


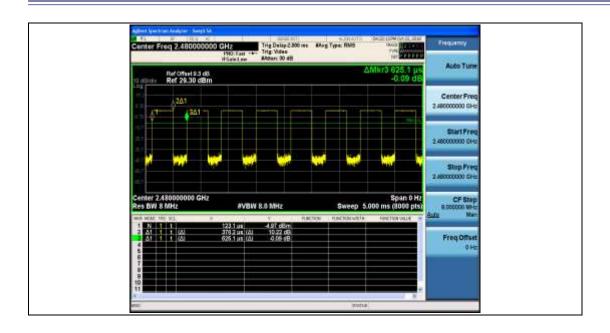




Appendix C: Duty Cycle

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
			0.38	0.63	60.50
BLE_BT4.2 Ant1		2440	0.38	0.63	60.50
		2480	0.38	0.63	60.50

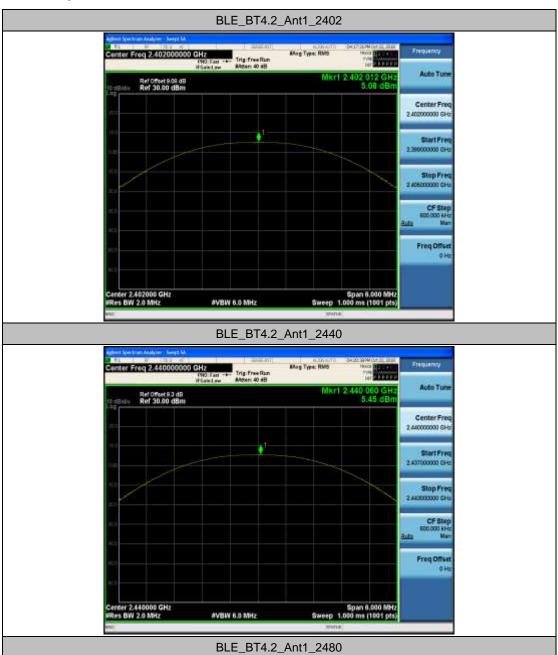


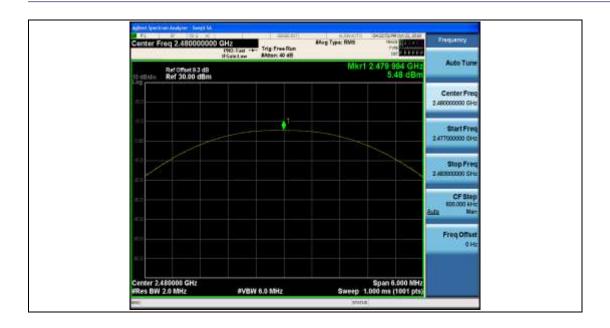




Appendix D: Maximum conducted peak output power

TestMode	Antenna	Channel Result[dBm]		Limit[dBm]	Verdict
		2402	5.08	30	PASS
BLE_BT4.2	Ant1	2440	5.45	30	PASS
		2480	5.48	30	PASS

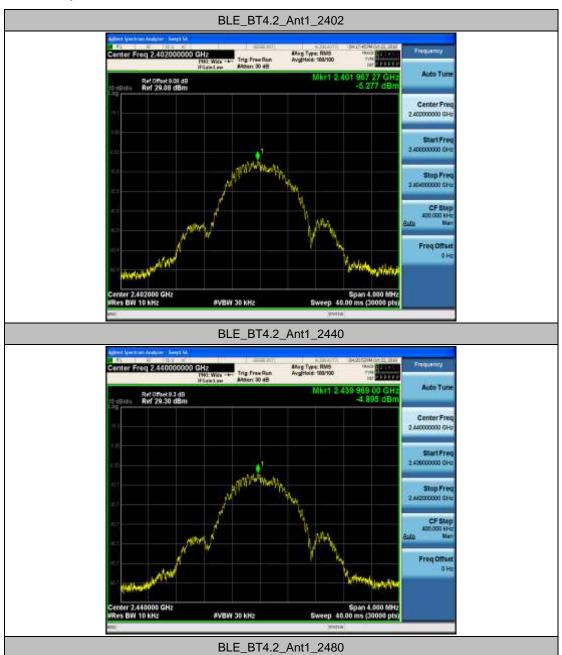






Appendix E: Maximum power spectral density

TestMode	Antenna	Channel	Result[dBm/10kHz]	Limit[dBm/3kHz]	Verdict
		2402	-5.28	8	PASS
BLE_BT4.2	Ant1	2440	-4.9	8	PASS
		2480	-4.8	8	PASS

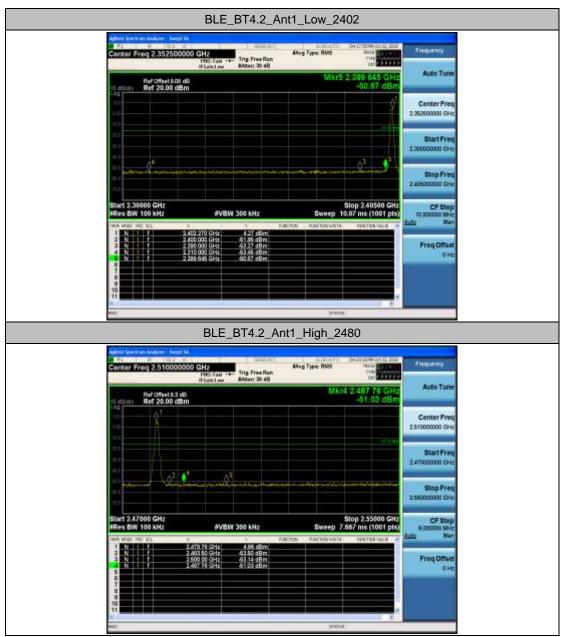






Appendix F: Band edge measurements

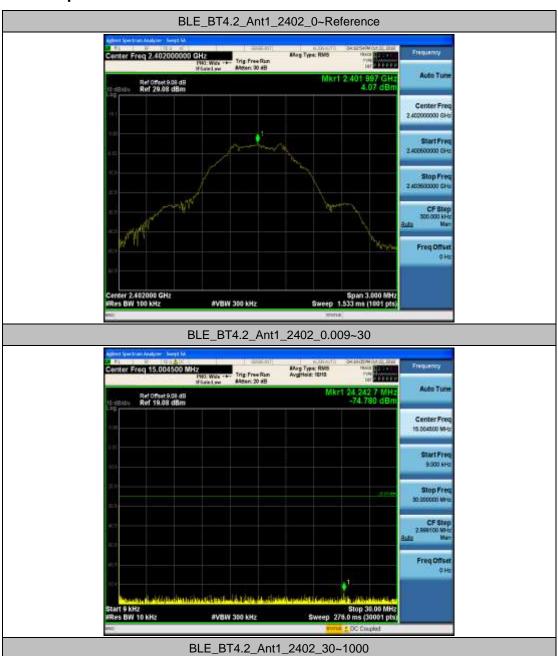
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
DIE DT40	Ant1	Low	2402	4.27	-50.67	-15.73	PASS
BLE_BT4.2	Anti	High	2480	4.67	-51.03	-15.33	PASS

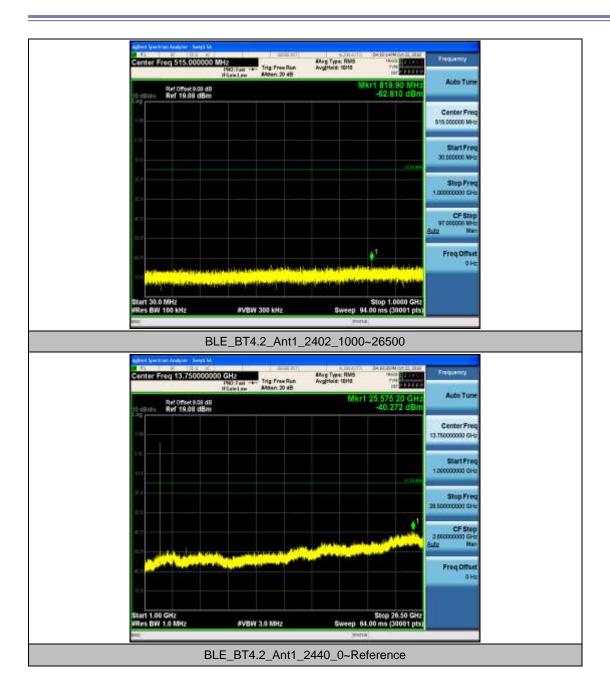


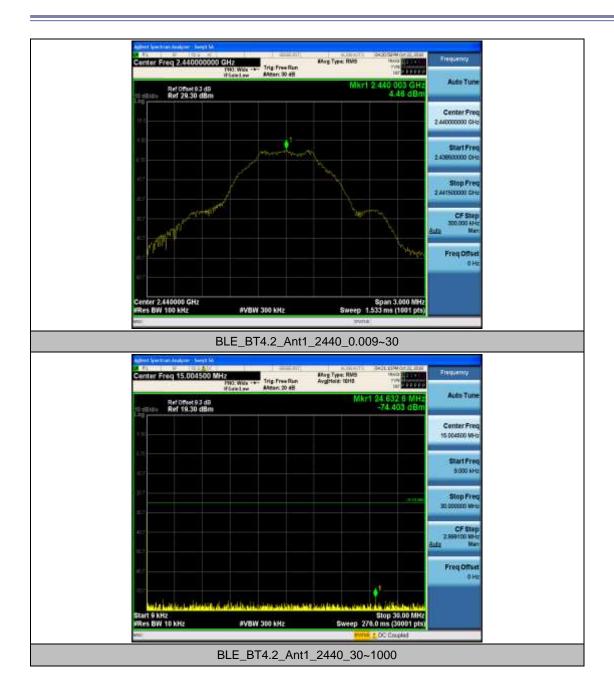


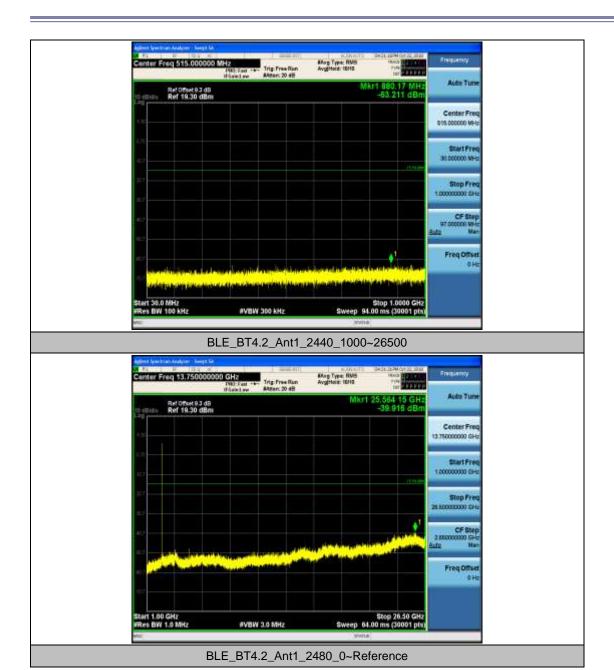
Appendix G: Unwanted Emissions into Non-Restricted Frequency Bands

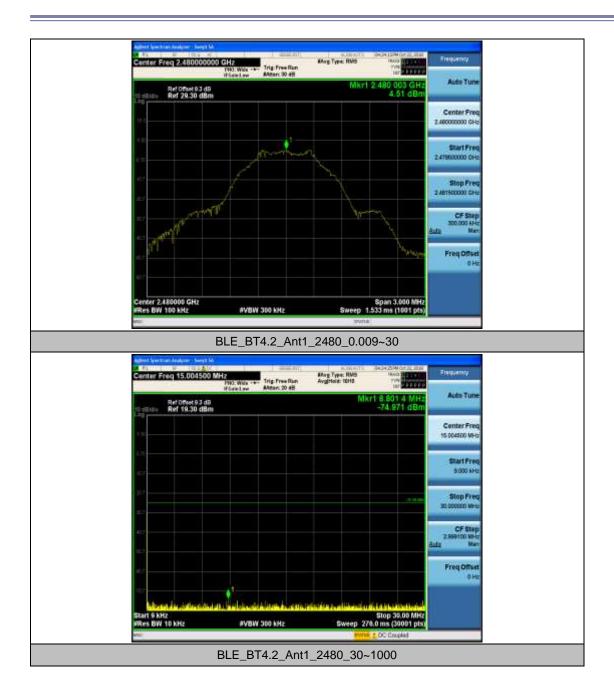
TootModo	Antenn	Channe	FragDanga	RefLevel[dBm	Result[dBm	Limit[dBm	Verdic
TestMode	а	1	FreqRange]]]	t
			Reference	4.07	4.07		PASS
			0.009~30	4.07	-74.78	-25.93	PASS
		2402	30~1000	4.07	-62.81	-15.93	PASS
			1000~2650 0	4.07	-40.27	-15.93	PASS
			Reference	4.46	4.46		PASS
DIE DT4			0.009~30	4.46	-74.4	-25.54	PASS
BLE_BT4.	Ant1	2440	30~1000	4.46	-63.21	-15.54	PASS
2			1000~2650 0	4.46	-39.92	-15.54	PASS
			Reference	4.51	4.51		PASS
			0.009~30	4.51	-74.97	-25.49	PASS
		2480	30~1000	4.51	-62.76	-15.49	PASS
			1000~2650 0	4.51	-38.5	-15.49	PASS

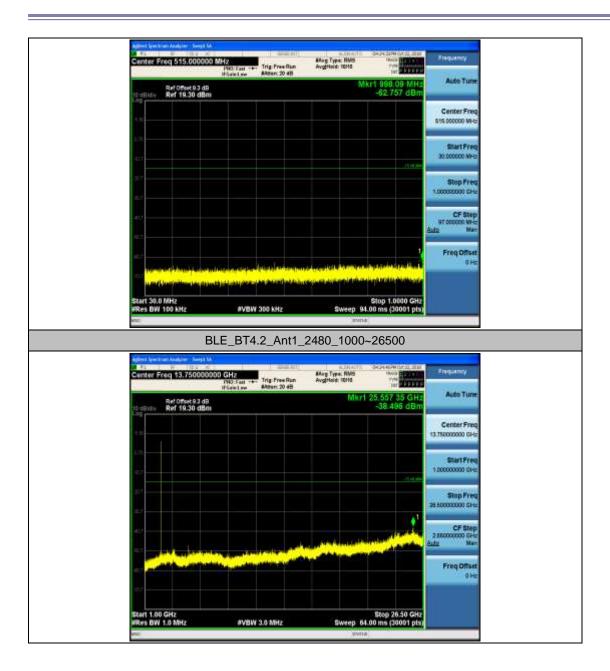














Appendix H: Radiated Spurious Emission & Spurious in

Restricted Band

Note: We tested all modes, but the data presented below is the worst case.

Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

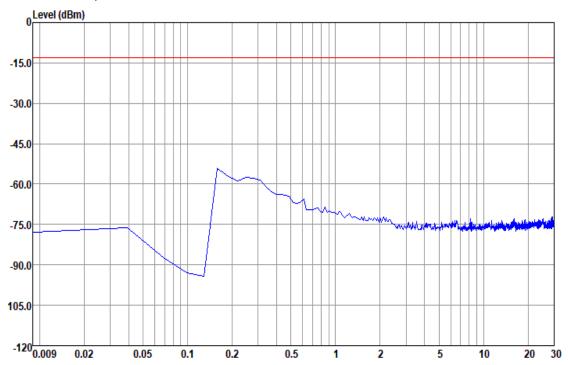
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered



1.1 Part 1: Testing Range of "9 kHz to 30MHz"

Note 1: The test results and plot for testing range of "9 kHz to 30 MHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

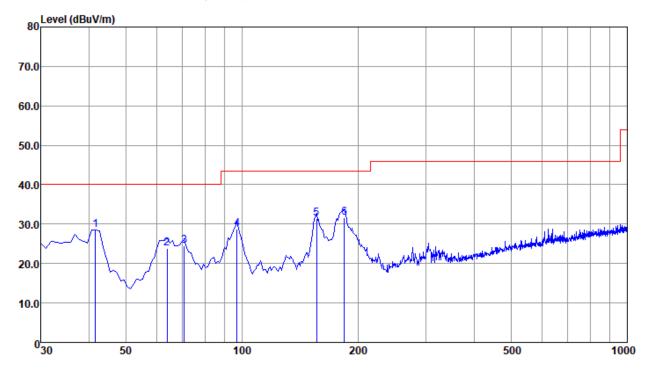




1.2 Part 2: Testing Range of "30 MHz to 1 GHz"

Note 1: The test results and plot for testing range of "30 MHz to 1 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



			over	Limit	KeadA	ıntenna	cabie	rreamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MII-	JD. A//		JD. M/-	JD. M	JD /			
	MUZ	abuv/m	ав	dBu V /m	abuv	ab/m	dB	dB	
1 pp	41.64	28.63	-11.37	40.00	42.15	17.78	0.40	31.70	QP
2	63.95	23.88	-16.12	40.00	42.34	12.60	0.54	31.60	QP
3	70.74	24.48	-15.52	40.00	42.59	12.90	0.59	31.60	QP
4	96.93	28.69	-14.81	43.50	43.28	16.10	0.81	31.50	QP
5	156.10	31.48	-12.02	43.50	45.24	16.27	1.35	31.38	QP
6	184.23	31.74	-11.76	43.50	46.21	15.28	1.51	31.26	QP



Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain) The reading level is calculated by software which is not shown in the sheet.

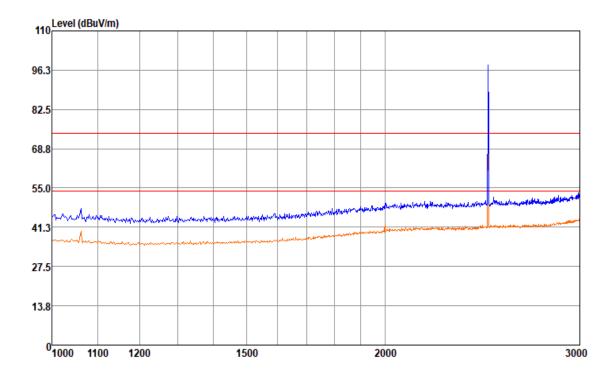
2, Margin=Limit – Level



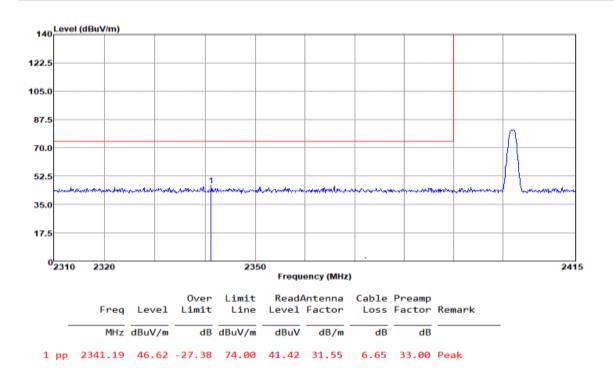
1.3 Part 3: Testing Range of "1GHz to 3GHz"

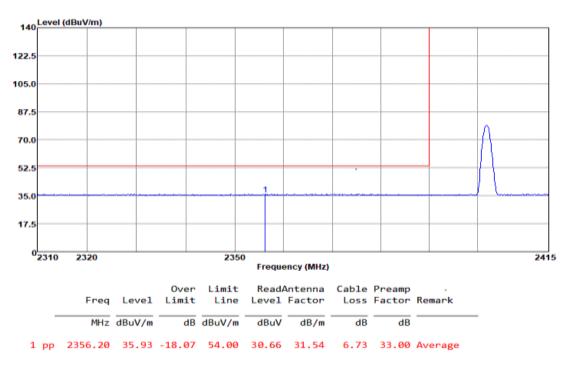
- Note 1: The testing range of "1GHz to 3 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).
- Note 3: The peak spike exceeds the limit line is EUT's operating frequency. Test Mode:

1.3.1Test Mode: TM1



1.3.1.1 Channel 0





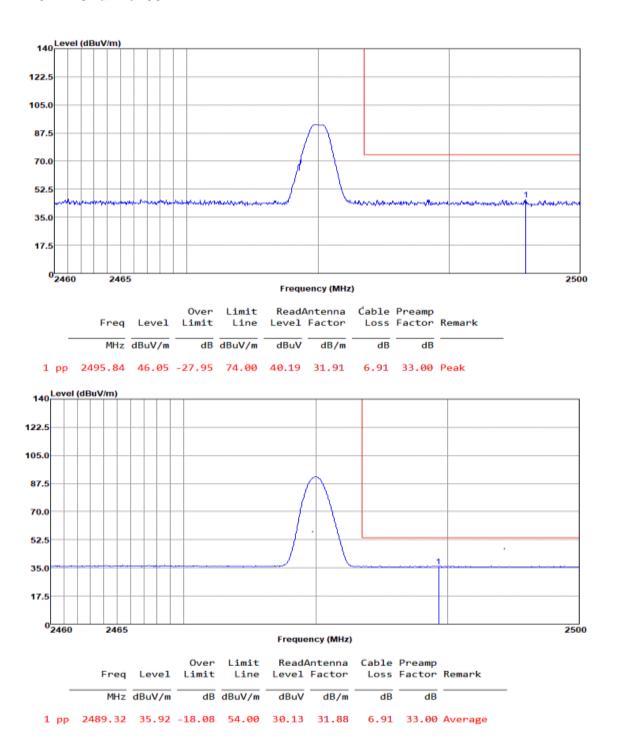
Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain) The reading level is calculated by software which is not shown in the sheet.



2, Margin=Limit – Level

1.3.1.2 Channel 39





Note:

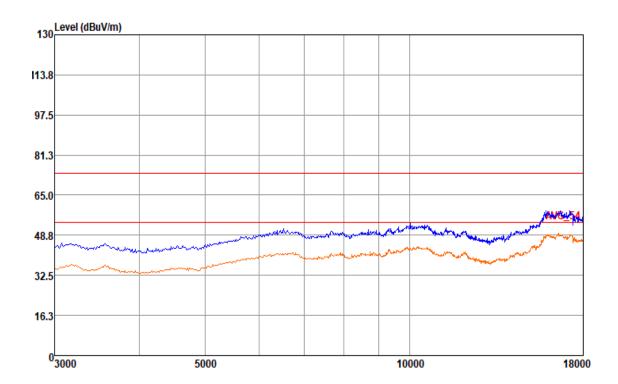
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain) The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level



1.4 Part 4: Testing Range of "3 GHz to 18 GHz"

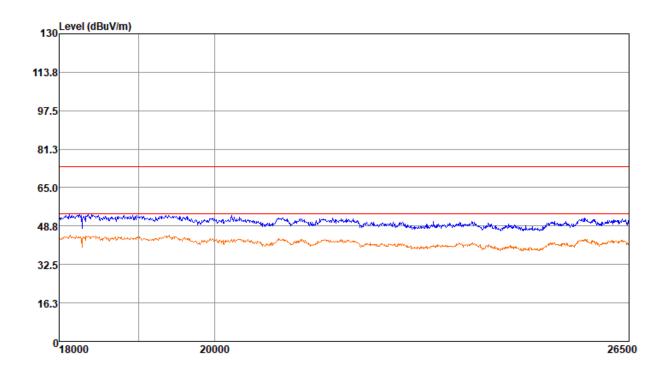
- Note 1: The test results and plot for testing range of "3 GHz to 18 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of "3 GHz to 18 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).





1.5 Part 5: Testing Range of "18 GHz to 26.5 GHz"

- Note 1: The test results and plot for testing range of "18 GHz to 26.5 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of "18 GHz to 26.5 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).

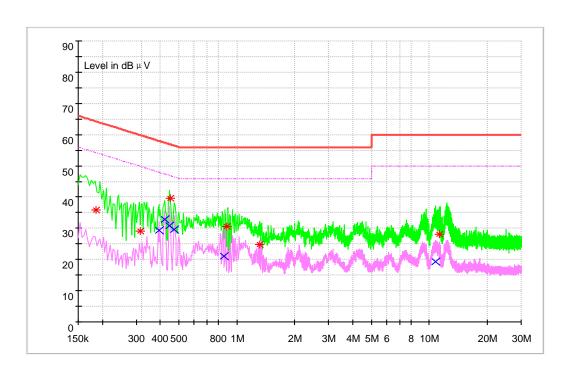




Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz

Channel 0



MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.184779	35.85	64.27	9.7	28.42	N	FLO
0.315418	29.13	59.83	9.7	30.70	L1	FLO
0.453286	39.50	56.82	9.7	17.31	L1	FLO
0.890976	30.46	56.00	9.7	25.54	N	FLO
1.318488	24.78	56.00	9.7	31.22	N	FLO
11.317371	28.20	60.00	10.0	31.80	N	FLO



MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level	Limit (dB μ V)	Transd. (dB)	Margin (dB)	Line	PE
0.392500	29.42	47.60	9.7	18.17	N	FLO
0.422381	32.72	46.97	9.7	14.25	N	FLO
0.447730	30.71	46.92	9.7	15.20	N	FLO
0.474610	29.52	46.92	9.7	17.38	N	FLO
0.856793	21.06	46.00	9.7	24.94	N	FLO
10.813426	19.30	50.00	10.0	30.70	N	FLO

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain) The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

END