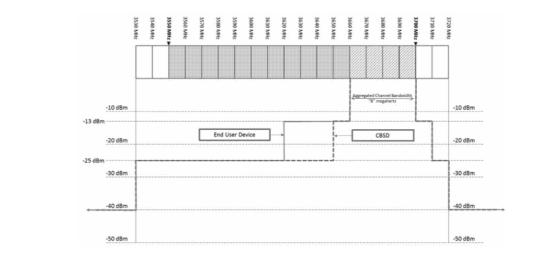


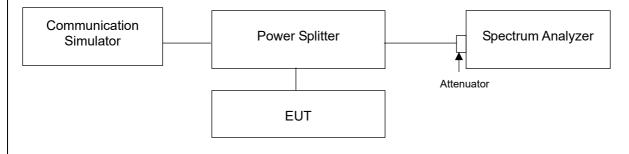
4.7 Conducted Spurious Emissions

4.7.1 Limits of Conducted Spurious Emissions Measurement

For CBSD power of any emissions outside the Fundamental	Limit
Within 0-10MHz above the Assigned Channel	-13 dBm/MHz
Within 0-10MHz below the Assigned Channel	
Greater than 10MHz above the Assigned Channel	-25 dBm/MHz
Greater than 10MHz below the Assigned Channel	
Power of any emission below 3530MHz	-40 dBm/MHz
Power of any emission above 3720MHz	



4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.3 to get information of above instrument.

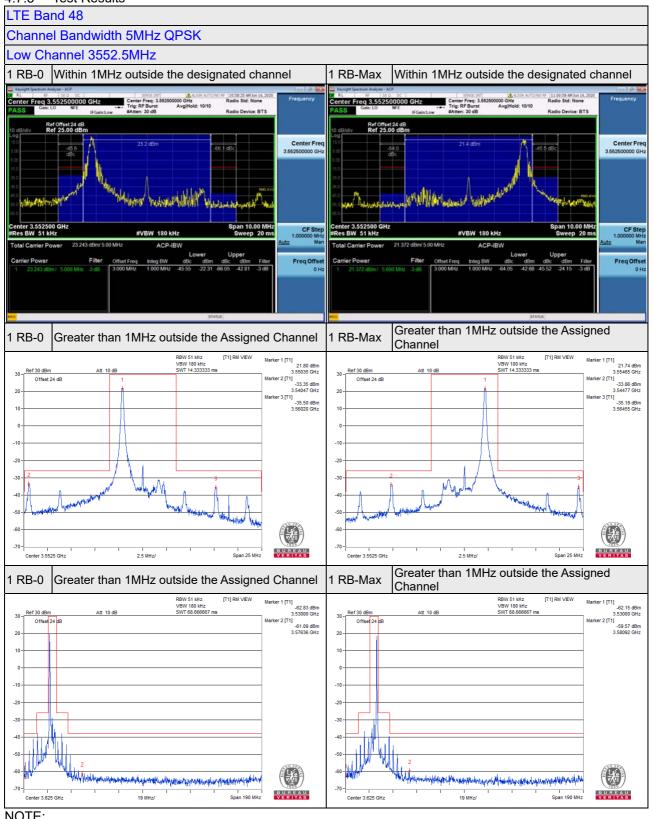


4.7.4 Test Procedure

- a. The EUT makes a phone call to the communication simulator.
- b. Measuring frequency range is from 9 kHz to 37.5 GHz. 20dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.
- c. Set RMS detection and a free-running sweep.

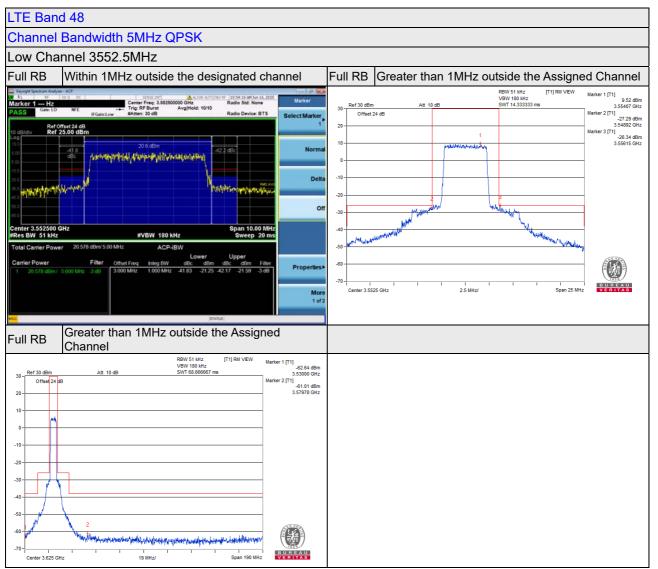


4.7.5 Test Results

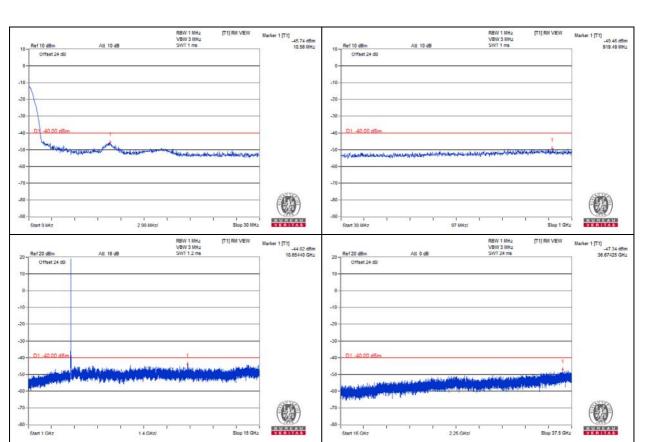


NOTE:



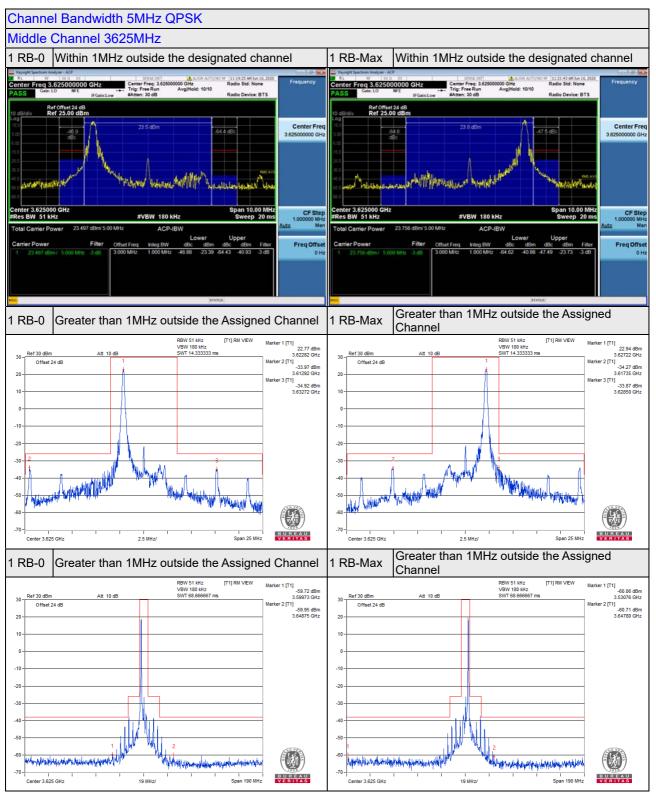


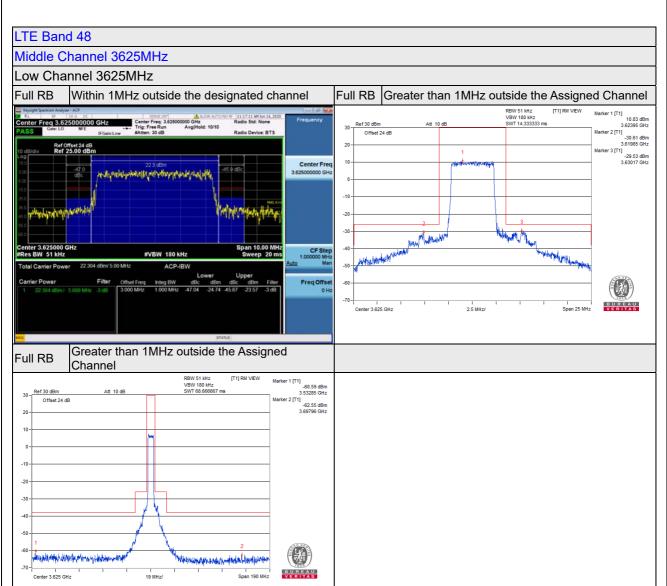




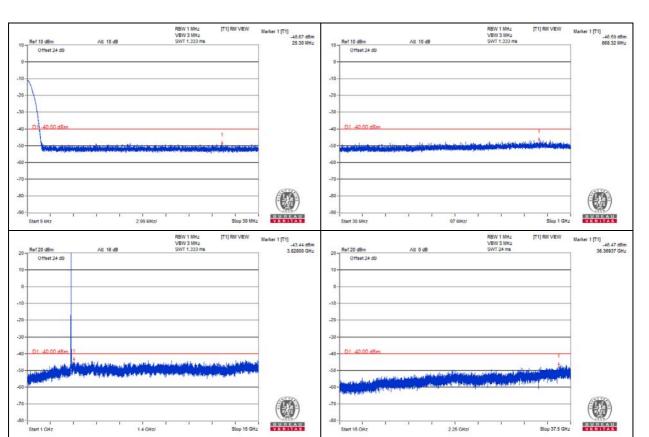
Note: The signal of 9kHz is IF signal from test instrument.





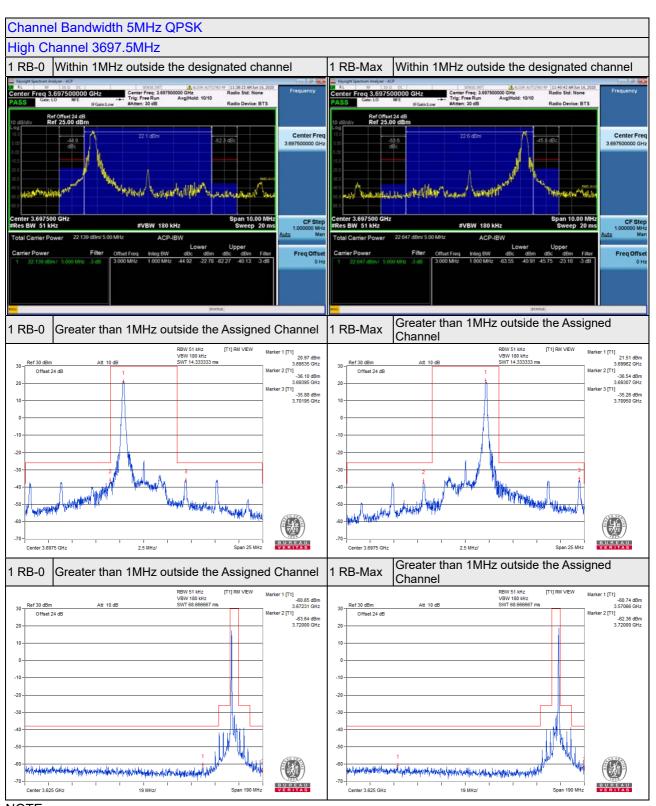




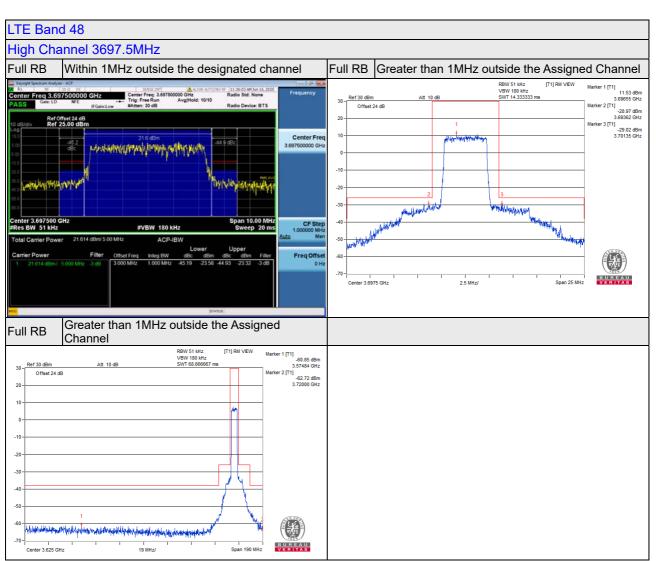


Note: The signal of 9kHz is IF signal from test instrument.

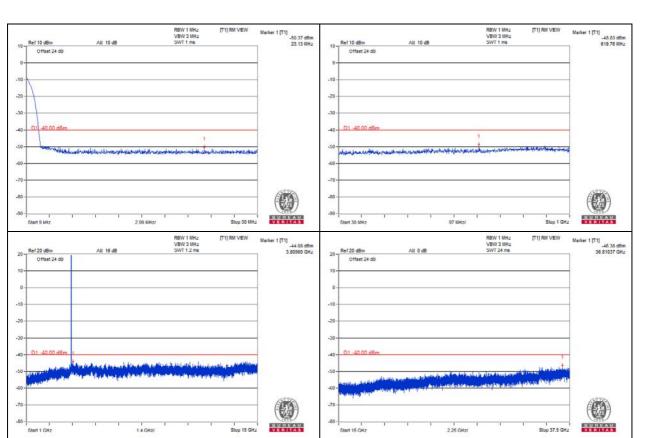






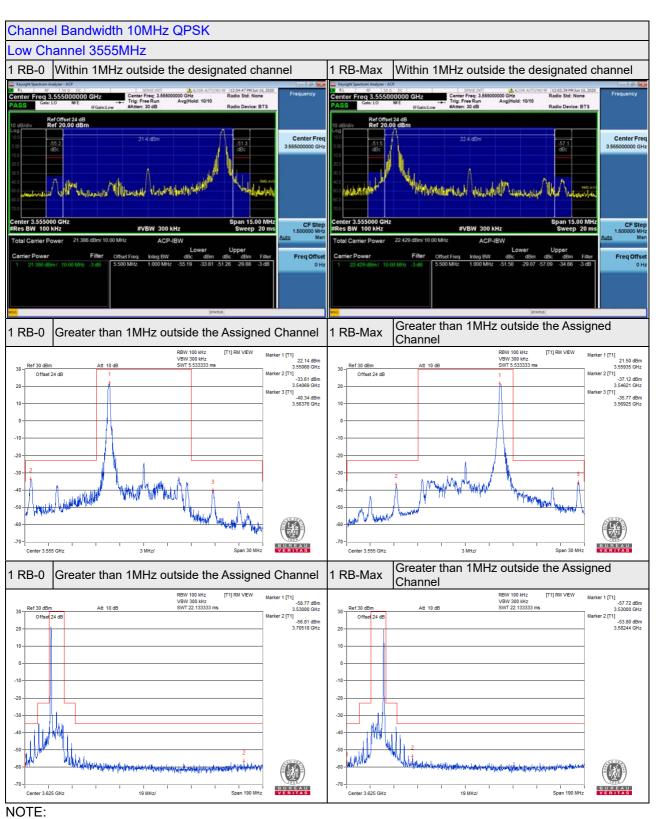




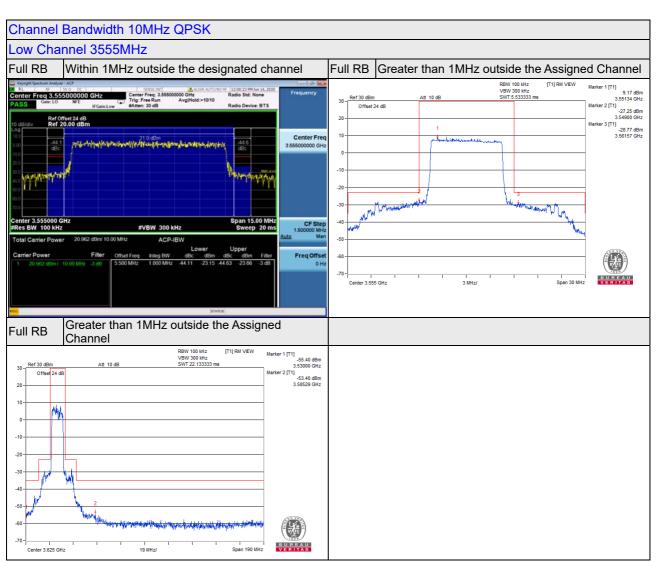


Note: The signal of 9kHz is IF signal from test instrument.







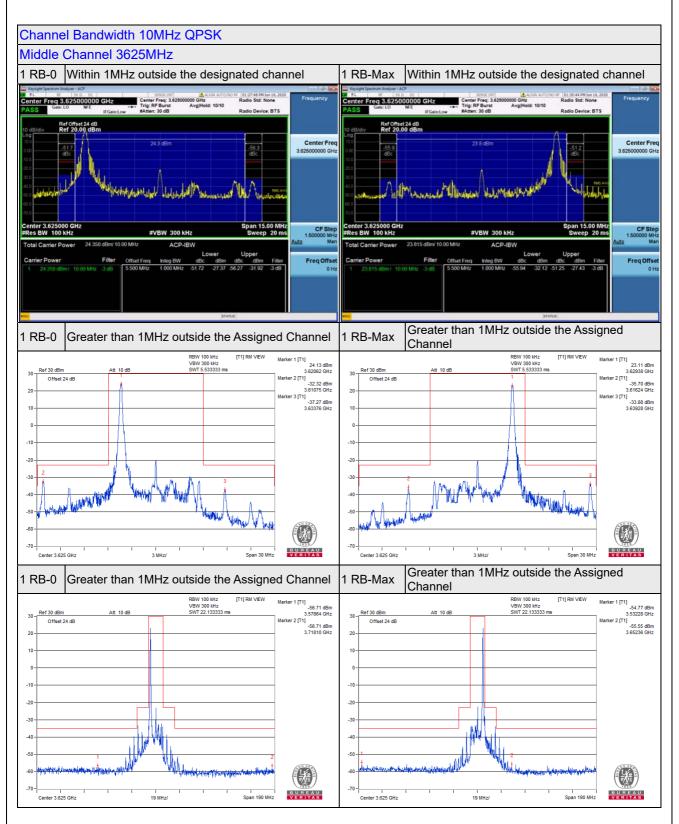




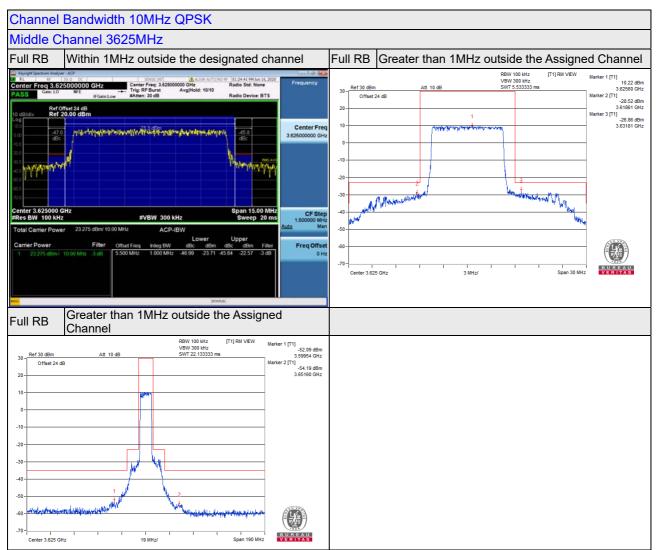
	RBW 1 MHz VBW 3 MHz	[T1] RM VIEW	Marker 1 [T1] -50.57 dBm			RBW 1 MHz VBW 3 MHz	[T1] RM VIEW	Marker 1 [T1] -49.40 d8m
- Ref 10 dBm Att 10 dB Offset 24 dB	SWT 1 ms		10.95 MHz	10-Ref 10 dBm Offset 24 dB	Att 10 dB	SWT 1 ms		975.75 MHz
0.00.000000000000000000000000000000000								
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5aurt 9 Miz 21 Ref 20 dBm Att 16 dB Offset 24 dB	RBW 1 MHz/ RBW 1 MHz VBW 3 MHz SW/1 1.2 ms	1 Stop 30 MH2 [T1] RM VIEW	Marker 1 [T1] -44.09 dBm 10.67280 GHz	-90-1	97 MH All 0 dB	Hz/ RBW 1 MHz VBW 3 MHz SWT 24 ms	I I Stop 1 GH [T1] RM VEW	2 VERITAS Marker 1 [T1] -46.62 dBm
Start 9 kHz 21 Ref 20 dBm Att 16 dB Offset 24 d0	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-90 - 58art 30 MHz 20 - Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.62 dBm
Start 9 Miz 21 Ref 20 dBm Att 16 dB Offset 24 dB 1	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-30 - 5/aut 30 MHz		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.62 dBm
Start 9 Miz 21 Ref 20 dBm Att 16 dB Offset 24 dB	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-00 Start 30 MHz 20 Ref 20 dBm 0 Offset 24 d0 10 0		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.62 dBm
58art 9 LHz 2: 	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-30		RBW 1 MHz VBW 3 MHz		VERITAS
	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-80		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.62 d8m
55art 9 Miz 21 56art 9 Miz 21 0 Offset 24 d0 0 0 0	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-80- Start 30 MHz 20 Ref 20 dBm Othet 24 d0 10 0 -10 -20 -30 -30 -11 -40 00 dBm	All 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 me		2 VERITAS Marker 1 [T1] -46.62 d8m
Start 9 Miz 21 Ref 20 dBm All 16 dB Ottset 24 dD	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-80- Start 30 MHz 20 Ref 20 dBm Othet 24 d0 10 0 -10 -20 -30 -30 -11 -40 00 dBm	All 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 ms		2 VERITAS Marker 1 [T1] -46.62 dBm
Start 9 Miz 21 Ref 20 dBm All 16 dB Offset 24 dB All 16 dB D1 42 00 dBm All 16 dB	RBW 1 MHz VBW 3 MHz	14	Marker 1 [T1] -44.09 d8m	-00 Start 30 MHz Start 30 MHz 20 Ref 20 dBm 0 thet 24 d0 10 -10 -10 -10 -20 -30 -30 -50 -50 -50	All 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 me		2 VERITAS Marker 1 [T1] -46.62 dBm

Note: The signal of 9kHz is IF signal from test instrument.







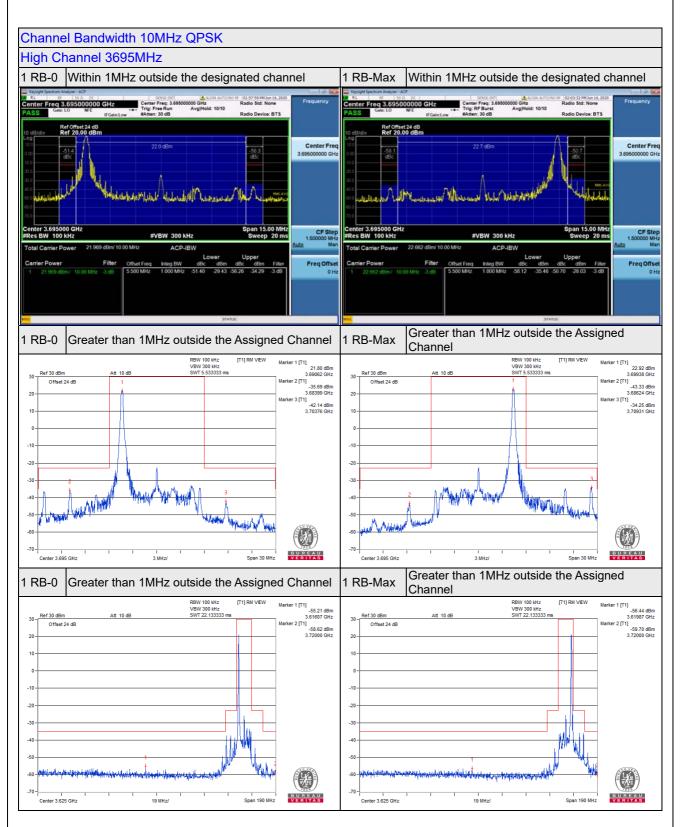




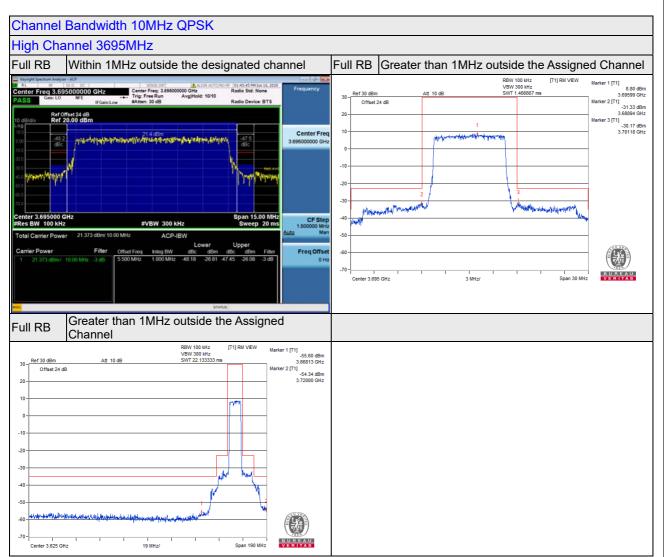
Ref 10 dBm Att 10 dB	RBW 1 MH2 VBW 3 MH2 SWT 1 ms	[T1] RM VIEW	Marker 1 (T1) -50.32 d8m 17.76 MHz	Ref 10 dBm	Att. 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] _49.86 dBr
Offset 24 dB	2007.00		17.76 MHz	0 Offset 24 dB	AL TO UD			772.05 MH
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			1003	-90				
Start 9 kHz	2.99 MHz/	Stop 30 MHz	VERITAS	Start 30 MHz	97 M	Hz/	Stop 1 GH	VERITAS
Start 9 kHz	RBW 1 MHz	Stop 30 MH2 [T1] RM VIEW	Marker 1 [71]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	97 M	RBW 1 MHz	[T1] RM VIEW	Aarker 1 [T1]
Ref 20 dBm Alt 16 dB		13	Marker 1 [T1] -46.07 d8m 3.85950 GHz	Start 30 MHz 20	97 M			2 VERITAS Marker 1 [T1] -50.81 dB 37.00387 GH
Ref 20 dBm Att 16 dB Offset 24 d9	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm All 16 dB Offset 24 d0	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm Alt 16 dB Offset 24 dD	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 UBm Offset 24 db		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (71) -50.81 dB
Ref 20 UBm Alt 16 UB Ottest 24 d0	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
DAtt 16 dB	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -50.81 dBi
Ref 20 dBm Alt 16 dB Offset 24 dD	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Othet 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -50.81 dBi
Ref 20 dBm All 16 dB Ottset 24 d0 D	RBW 1 MHz VBW 3 MHz	[T1] RM VEW	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm All 16 dB 011st 24 d0	RBW 1 1912 VBW 3 1912 SW1 1 2 ma		Marker 1 [T1] -46.07 d8m	Sant 30 MHz 20 Ref 20 dBm 01 Offset 24 d0 0 - -10 - -20 - -30 - -50 -	All 0 dB	RBW 1 MHz VBW 3 MHz		2 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
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Ref 20 dBm All 16 dB Ottest 24 d0	RBW 1 1912 VBW 3 1912 SW1 1 2 ma		Marker 1 [T1] -46.07 d8m	Sant 30 MHz 20 Ref 20 dBm 01 Offset 24 d0 0 - -10 - -20 - -30 - -50 -	All 0 dB	RBW 1 MHz VBW 3 MHz	[71] RM VEW	z KALEN KARS

Note: The signal of 9kHz is IF signal from test instrument.







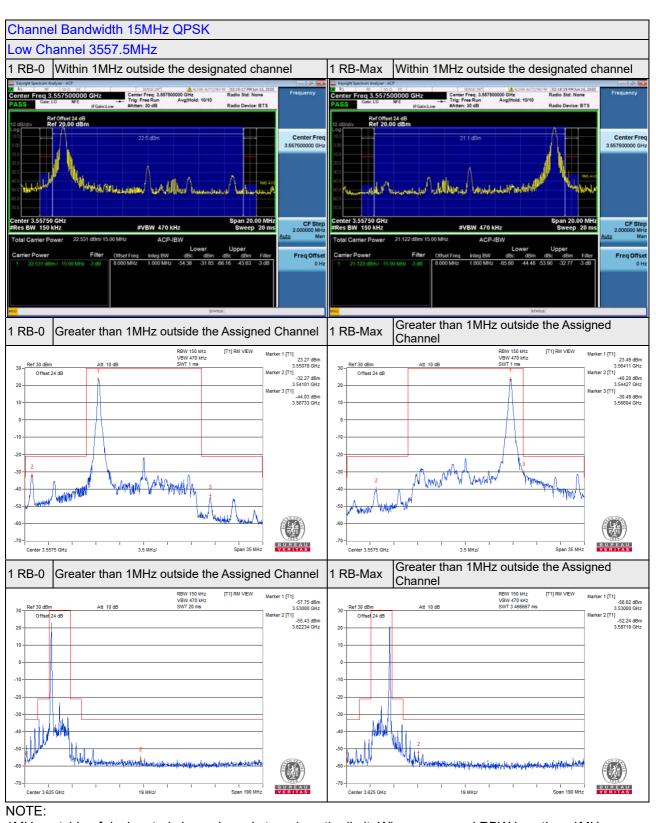




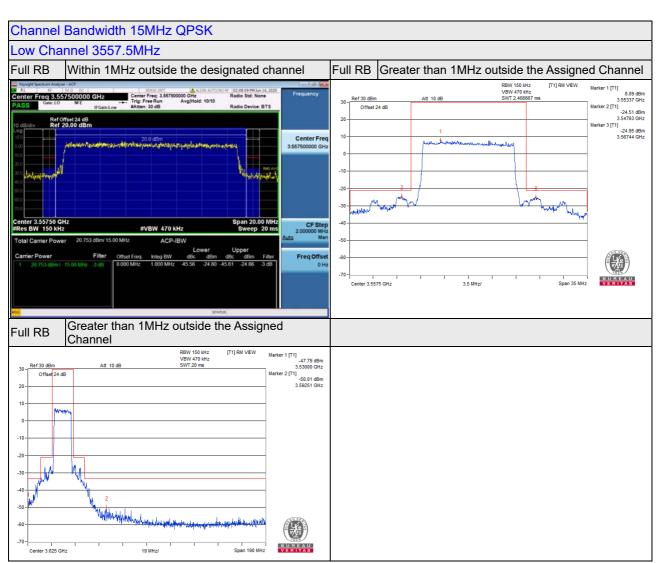
Ref 10 dBm Att 10 dB	RBW 1 MH2 VBW 3 MH2 SWT 1 ms	[T1] RM VIEW	Marker 1 (T1) -50.32 d8m 17.76 MHz	Ref 10 dBm	Att. 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] _49.86 dBr
Offset 24 dB	2007.00		17.76 MHz	0 Offset 24 dB	AL TO UD			772.05 MH
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				-10				
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Start 9 kHz	RBW 1 MHz	Stop 30 MH2 [T1] RM VIEW	Marker 1 [71]	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	97 M	RBW 1 MHz	[T1] RM VIEW	Aarker 1 [T1]
Ref 20 dBm Alt 16 dB		13	Marker 1 [T1] -46.07 d8m 3.85950 GHz	Start 30 MHz 20	97 M			2 VERITAS Marker 1 [T1] -50.81 dB 37.00387 GH
Ref 20 dBm Att 16 dB Offset 24 d9	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm All 16 dB Offset 24 d0	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm Alt 16 dB Offset 24 dD	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 UBm Offset 24 db		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (71) -50.81 dB
Ref 20 UBm Alt 16 UB Ottest 24 d0	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
DAtt 16 dB	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -50.81 dBi
Ref 20 dBm Alt 16 dB Offset 24 dD	RBW 1 MHz VBW 3 MHz	13	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Othet 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -50.81 dBi
Ref 20 dBm All 16 dB Ottset 24 d0 D	RBW 1 MHz VBW 3 MHz	[T1] RM VEW	Marker 1 [T1] -46.07 d8m	58art 30 MHz 20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 (T1) -50.81 dB
Ref 20 dBm All 16 dB 011st 24 d0	RBW 1 1912 VBW 3 1912 SW1 1 2 ma		Marker 1 [T1] -46.07 d8m	Sant 30 MHz 20 Ref 20 dBm 01 Offset 24 d0 0 - -10 - -20 - -30 - -50 -	All 0 dB	RBW 1 MHz VBW 3 MHz		2 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Ref 20 dBm All 16 dB Ottest 24 d0 D1 -40.00 dBm	RBW 1 1912 VBW 3 1912 SW1 1 2 ma	[T1] RM VEW	Marker 1 [T1] -46.07 d8m	Start 30 MHz 20 Ref 20 dBm 0 Offset 24 d0 0 - -10 - -20 - -30 - -50 - -50 -	All 0 dB	RBW 1 MHz VBW 3 MHz	[71] RM VEW	A ALE NUT OF 3
Ref 20 dBm All 16 dB Ottest 24 d0	RBW 1 1912 VBW 3 1912 SW1 1 2 ma		Marker 1 [T1] -46.07 d8m	Sant 30 MHz 20 Ref 20 dBm 01 Offset 24 d0 0 - -10 - -20 - -30 - -50 -	All 0 dB	RBW 1 MHz VBW 3 MHz	[71] RM VEW	z KALEN KARS

Note: The signal of 9kHz is IF signal from test instrument.







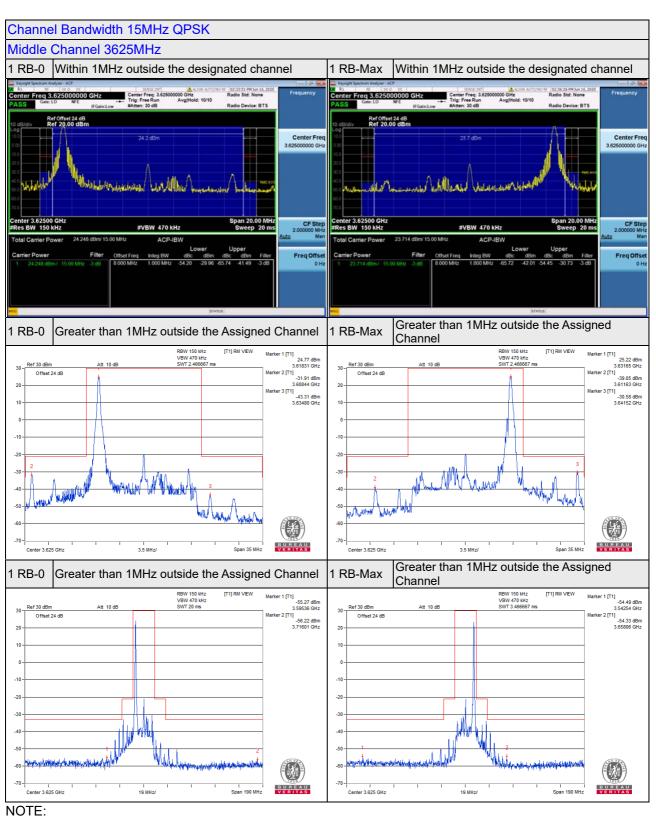




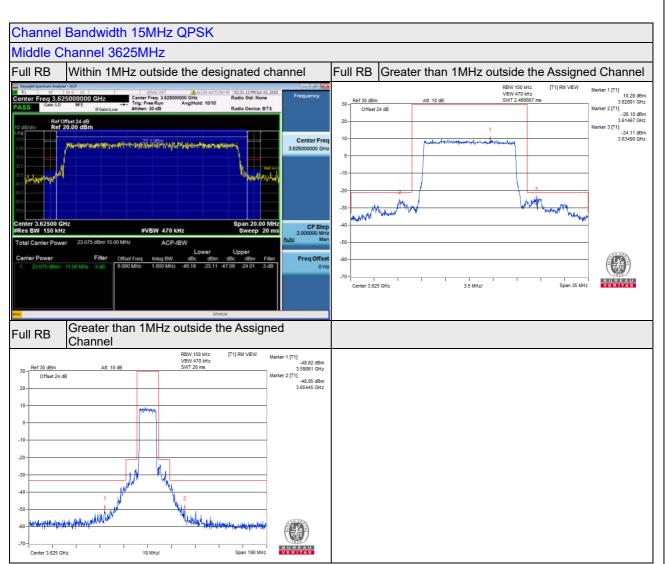
Ref 10 dBm All 10 dB	RBW 1 MHz [VBW 3 MHz SWT 1 ms	[T1] RM VIEW Ma	arker 1 [T1] -50.23 d8m	Ref 10 dBm	Att 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] -49.08 d8m
Offset 24 dB	2111111		10.32 MHz	0 Offset 24 dB	741 TO 00			840.92 MHz
				0				-
				-10				
				-20				
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	9 MHz/	Stop 30 MHz	VERITAS	Start 30 MHz	97 M	Hz/	Stop 1 GH	VERITAS
0.001 0 Mit 2.0	2322 1000		VERITAS	Start 30 MHz	97 W	1.000		VERITAS
5-/ 70.45- AH 16.48	2322 1000		-43.51 dBm 10.67330 GHz	Def 20 4Bm	97 Mi Aii 0 dB	Hz/ RBW 1 MHz VBW 3 MHz SWT 24 ms	Stop 1 GH [T1] RM VEW	2 VERITAS Marker 1 [T1] -46.90 dBm
0 - Ref 20 dBm Att 16 dB	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		VERITAS
0 Ref 20 dBm Ait 16 dB	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 - Ref 20 dBm		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 d8m
0 - All 16 dB All 16 dB	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 dBm
2 - Ref 20 dBm Alt. 16 dB Offset 24 dD 	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 - Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 d8m
0 - Ref 20 dBm Alt 16 dB Otteet 24 d0 0	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 - Ref 20 dBm Offset 24 dD 10 - 0		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 d8m
0 - Ref 20 dBm Att 16 dB	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 - Ref 20 dBm Othert 24 dD		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 d8m
0 Ref 22 dBm All 16 dB Offset 24 dD 0	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Offset 24 d0 10		RBW 1 MHz VBW 3 MHz		2 VERITAS Marker 1 [T1] -46.90 d8m
0 - Ref 20 dBm All 16 dB Offset 24 d0 0	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Offset 24 dD 10 	Alt 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 ms	(דיז) RM VEW	2 VERITAS Marker 1 [T1] -46.90 dBm
Ref 20 dBm All 16 dB Ottest 24 dD	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Othet 24 d0 10	All 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 ms	(דיז) RM VEW	2 VERITAS Marker 1 [T1] -46.90 d8m
Ref 20 dBm Alt 16 dB Ottset 24 dB	RBW 1 MHz (VBW 3 MHz		vier 1 [T1] -43 51 d8m	20 Ref 20 dBm Offset 24 dD 10 	All 0 dB	RBW 1 MH2 VBW 3 MH2 SWT24 ms	(דיז) RM VEW	2 VERITAS Marker 1 [T1] -46.90 dBn

Note: The signal of 9kHz is IF signal from test instrument.

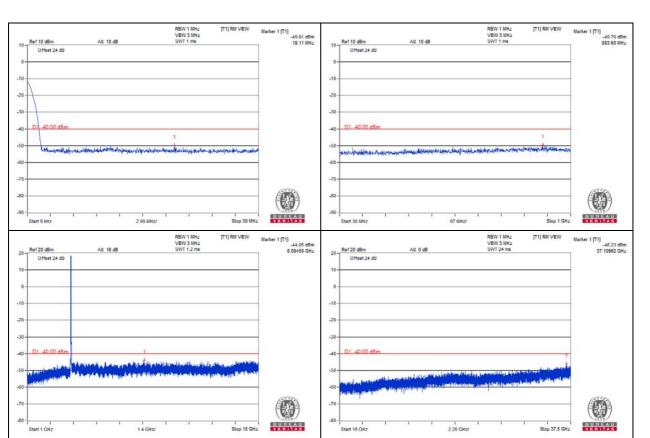






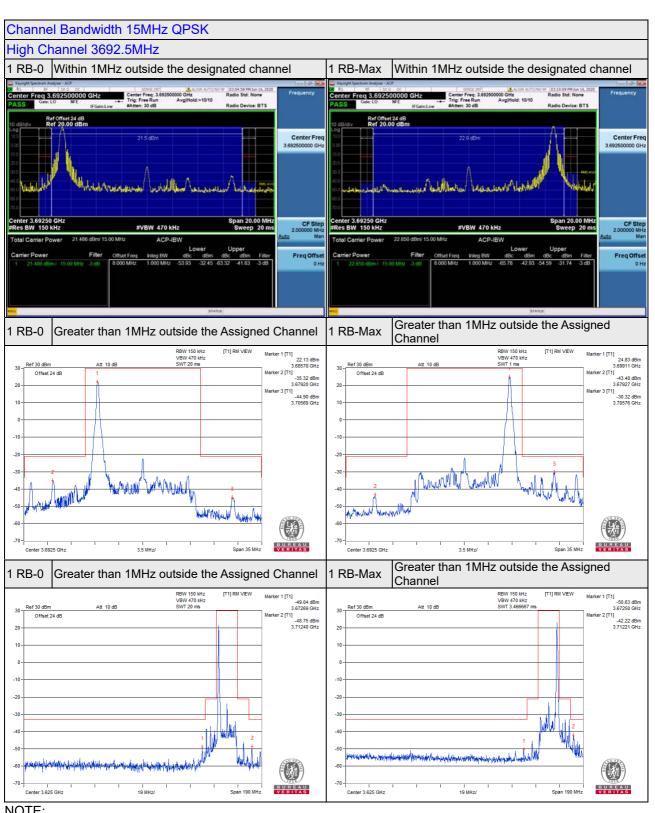




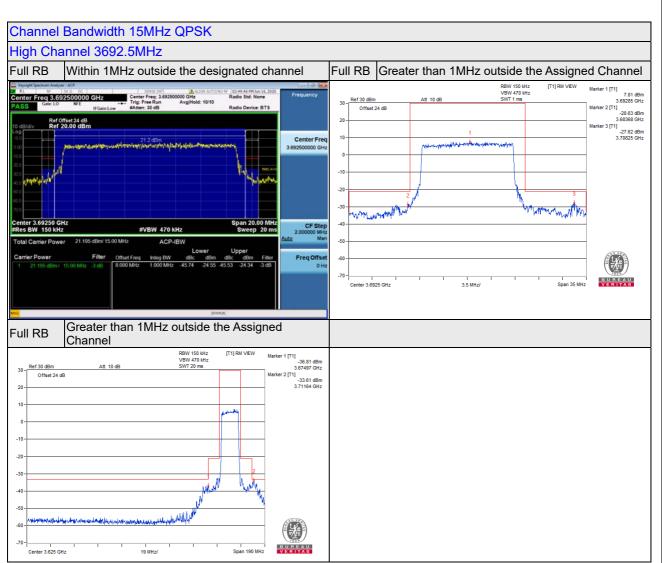


Note: The signal of 9kHz is IF signal from test instrument.

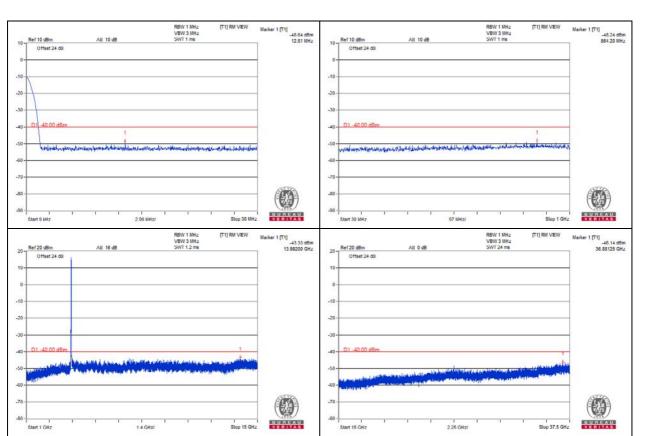






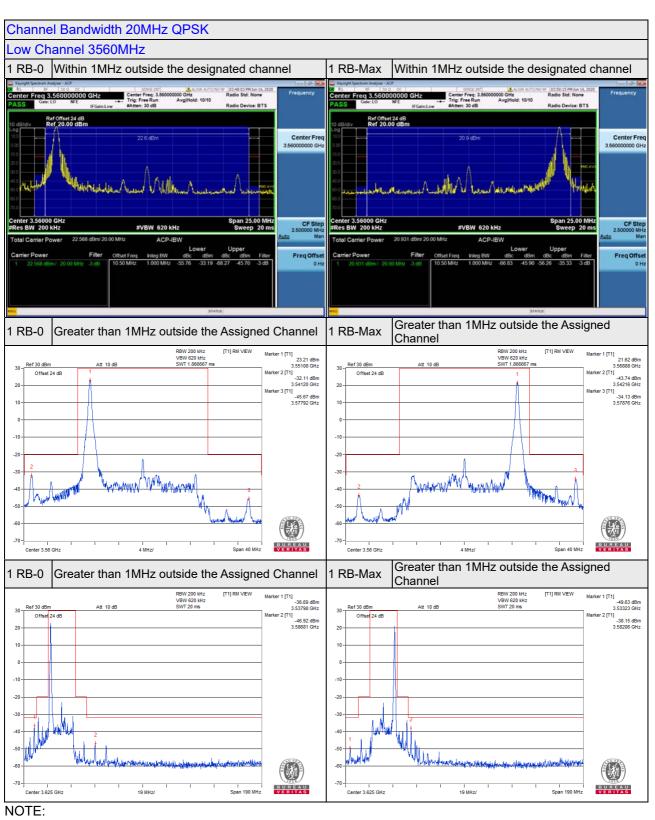




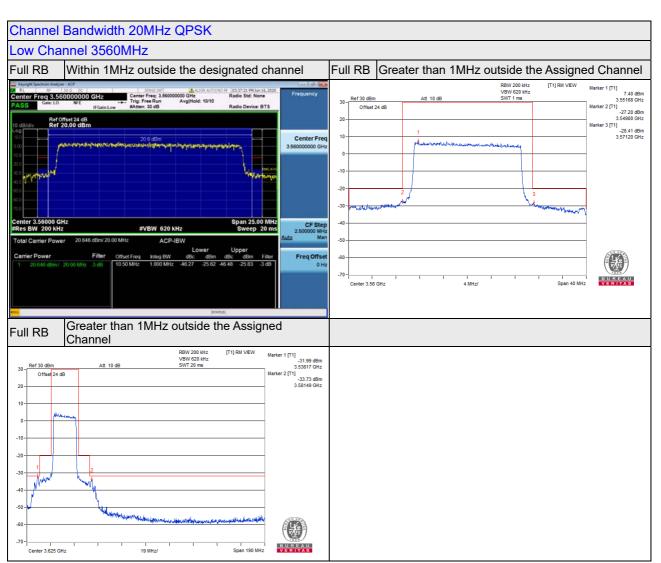


Note: The signal of 9kHz is IF signal from test instrument.

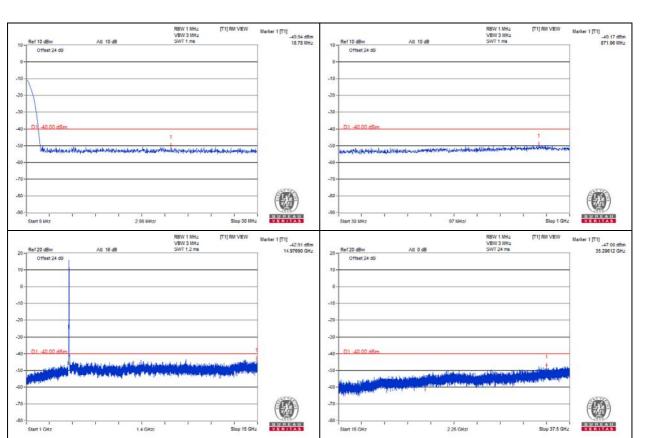






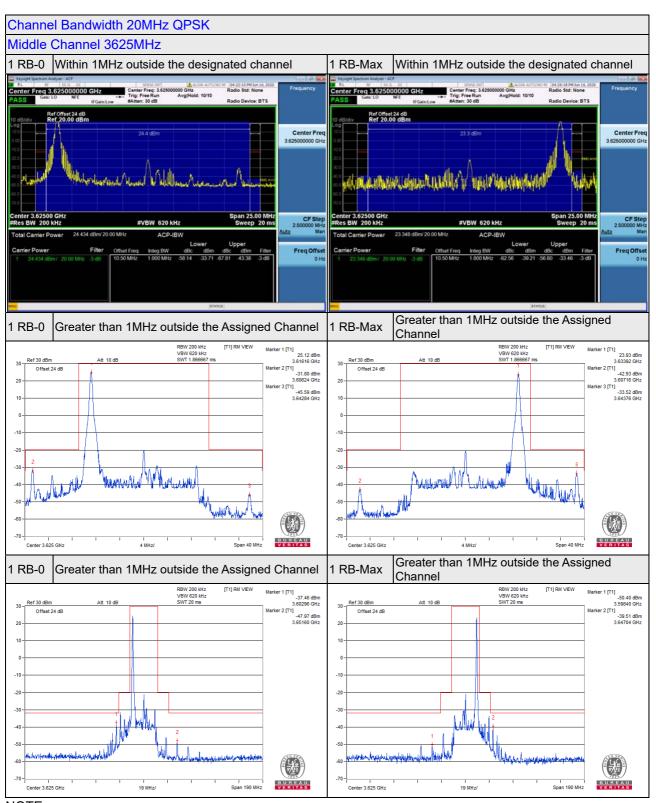




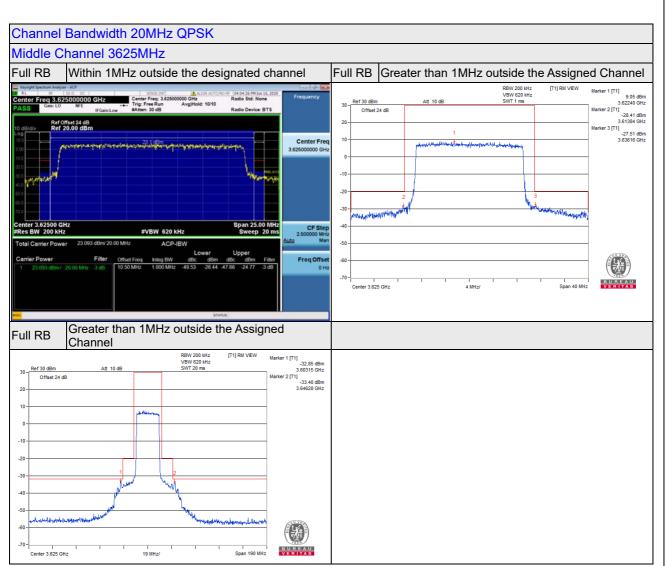


Note: The signal of 9kHz is IF signal from test instrument.







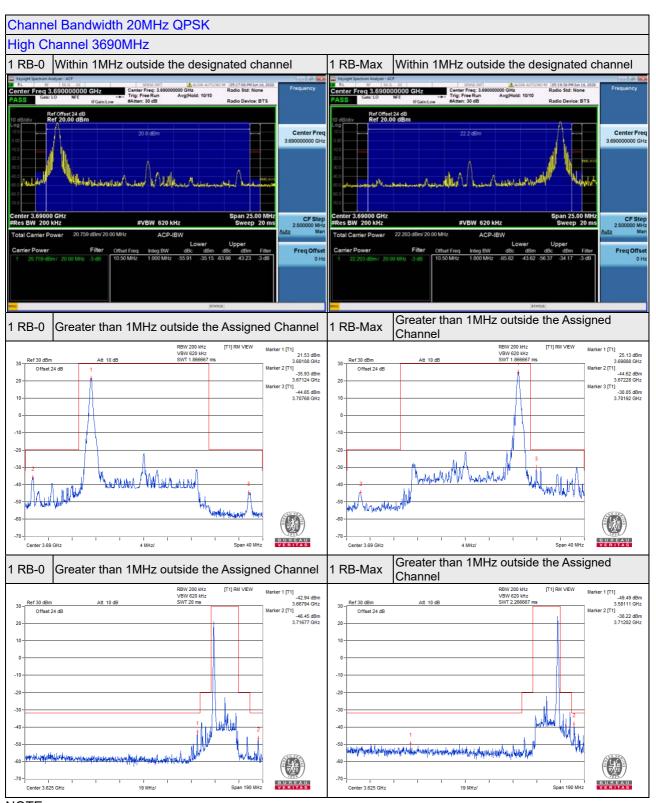




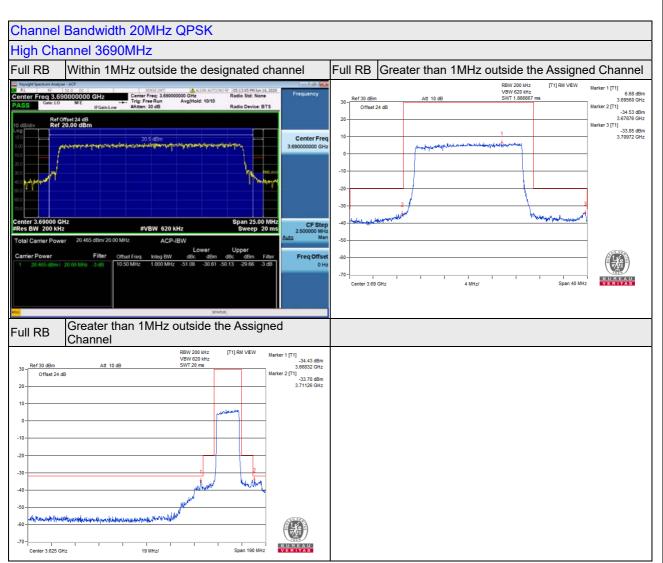
Ref 10 dBm Att. 10 dB	RBW 1 MHz [T1] RM VEW VBW 3 MHz SWT 1 ms	Marker 1 [T1] -50.37 d8m 10.17 MHz	Ref 10 dBm	Att 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] -50.25 dBr 904.94 MH
Offset 24 dB		10.17 MH2	011set 24 dB				3V4.34 MR
			0-				1
			-10				
			-20				
			-30				
D140.00 dBm1			_40D1 -40.00 dBm			1	-
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			-70-				-
			-80				
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Start 9 kHz	2.99 MHz/ Stop 30		Start 30 MHz	97 MH		Stop 1 GH	VERITAS
Ref 20 dBm Att 16 dB	RBW 1 MHz [T1] RM VEW VBW 3 MHz SWT 1.2 ms	Marker 1 [T1] -43.64 dBm 14.26010 GHz	Ref 20 dBm	All 0 dB	RBW 1 MHz VBW 3 MHz SWT 24 ms	[T1] RM VIEW	Marker 1 [T1] -47 49 dBr 34.65825 GH
Offset 24 dB			Offset 24 dB]
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			-10				
			-20				-
			-30 -				
D1 -40.00 dBm	1	_	-40 - D1 -40.00 d8m			1	-
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Note: The signal of 9kHz is IF signal from test instrument.









NOTE:

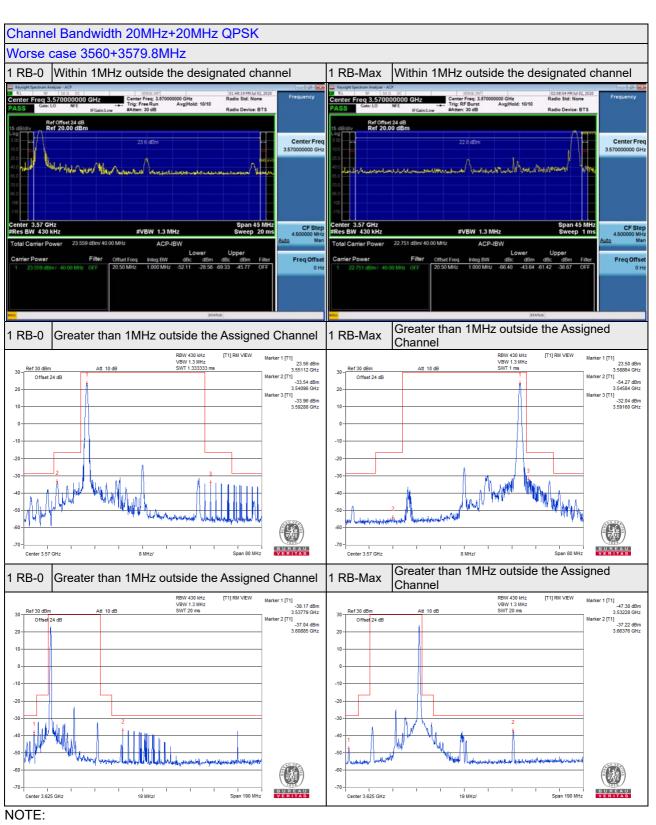
1MHz outside of designated channel needs to reduce the limit, When measured RBW less than 1MHz. Within 1-10MHz above the Assigned channel Limit is -13+10*Log(200kHz/1MHz) = -19.99 dBm Within 1-10MHz below the Assigned channel Limit is -13+10*Log(200kHz/1MHz) = -19.99dBm 10MHz above the Assigned channel Limit is -25+10*Log(200kHz/1MHz) = -31.99 dBm 10MHz below the Assigned channel Limit is -25+10*Log(200kHz/1MHz) = -31.99 dBm



Ref 10 dBm Alt 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] -50.34 d8m	Ref 10 dBm	Att 10 dB	RBW 1 MHz VBW 3 MHz SWT 1 ms	[T1] RM VIEW	Marker 1 [T1] -49.64 dBr
Offset 24 dB			9.24 MHz	011set 24 dB	Pit 10 db			916.58 MH
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				-10				-
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				-60 -				
				-70 -				-
				-80				
				-90				
Start 9 kHz 2 99 k	uHz/	Stop 30 MHz	VERITAS	Start 30 MHz	97 MH	1 1	Stop 1 GH	VERITAS
		26						
Ref 20 dBm Att 16 dB	RBW 1 MHz VBW 3 MHz SWT 1.2 ms	[T1] RM VIEW	Marker 1 (T1) _43.15 d8m 14.10190 GHz	20 - Ref 20 dBm	Att 0 dB	RBW 1 MHz VBW 3 MHz SWT 24 ms	[T1] RM VIEW	Marker 1 (T1) -47 44 d8
Offset 24 dB	VBW 3 MHz	[T1] RM VIEW	-43.15 dBm	20 - Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		Marker 1 (T1) -47 44 d8
Offset 24 dB	VBW 3 MHz	[T1] RM VIEW	-43.15 dBm	20 - Ref 20 dBm Offset 24 d9		RBW 1 MHz VBW 3 MHz		Marker 1 [T1] -47 44 dB
	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	20 - Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		Marker 1 (T1) -47 44 d8
01fset 24 d0	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	20 - Ref 20 dBm Offset 24 d9		RBW 1 MHz VBW 3 MHz		Marker 1 (T1) -47 44 d8
0115e1 24 d0	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	20 Ref 20 dBm Offset 24 dB		RBW 1 MHz VBW 3 MHz		Marker 1 (T1) -47 44 d8
Offset 24 dB	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	20 Ref 20 dBm Other 24 d0 10- -10-		RBW 1 MHz VBW 3 MHz		Marker 1 (T1) -47 44 d8
0 (fiset 24 d0	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	20 Ref 20 dBm 0 Offset 24 dB 0		RBW 1 MHz VBW 3 MHz		
011.40.00.45m	VBW 3 MHz	[T1] RM VEW	-43.15 dBm	200 Ref 20 dBm 017set 24 d9 10 -10 -20 -30 -40 D1 -40 00 dBm		RBW 1 MHz VBW 3 MHz		Marker 1 [T1]
0 (fiset 24 d0	VBW 3 MHz	1 (1- 0-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	-43.15 dBm	200 Ref 20 dBm 011set 24 dD 0 -10 -20 -20 -40 D1 -40 00 dBm		RBN/ 1 MHz VBW 3 MHz SWY 24 ma	[T1] RM VEW	Marker 1 (T1) -47 44 d8
011.40.00.45m	VBW 3 IM-2 SWT 1.2 me	1 (1- 0-01/1-01/1-	-43.15 dBm	200 Ref 20 dBm 011set 24 dD 0 -10 -20 -20 -40 D1 -40 00 dBm	All 0 dB	RBN/ 1 MHz VBW 3 MHz SWY 24 ma	[T1] RM VEW	Marker 1 [T1] -47 44 dB
Offset 24 69	VBW 3 IM-2 SWT 1.2 me	1 (1- 0-01/1-01/1-	-43.15 dBm	20 Ref 20 dBm 011set 24 d0 10 -10 -20 -30 -40 D1 -40 00 dBm -50 -50		RBN/ 1 MHz VBW 3 MHz SWY 24 ma	[T1] RM VEW	Marker 1 [T1] _47 44 dB

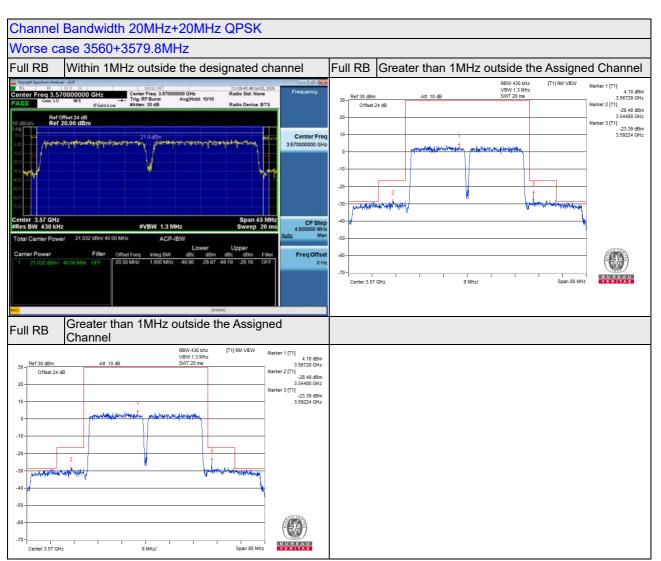
Note: The signal of 9kHz is IF signal from test instrument.





1MHz outside of designated channel needs to reduce the limit, When measured RBW less than 1MHz. Within 1-10MHz above the Assigned channel Limit is -13+10*Log(430kHz/1MHz) = -16.66 dBm Within 1-10MHz below the Assigned channel Limit is -13+10*Log(430kHz/1MHz) = -16.66 dBm 10MHz above the Assigned channel Limit is -25+10*Log(430kHz/1MHz) = -28.66 dBm 10MHz below the Assigned channel Limit is -25+10*Log(430kHz/1MHz) = -28.66 dBm

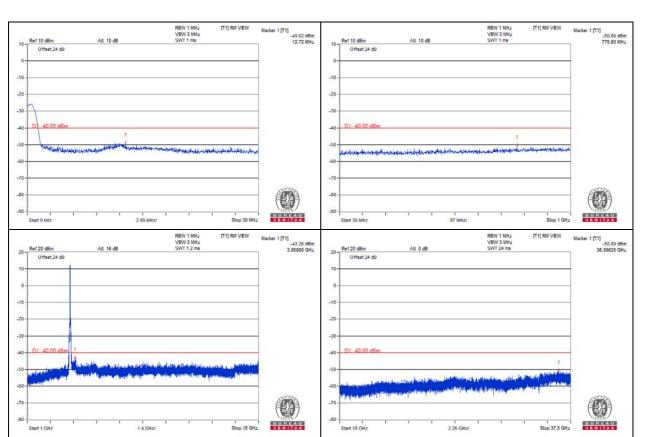




NOTE:

1MHz outside of designated channel needs to reduce the limit, When measured RBW less than 1MHz. Within 1-10MHz above the Assigned channel Limit is -13+10*Log(430kHz/1MHz) = -16.66 dBm Within 1-10MHz below the Assigned channel Limit is -13+10*Log(430kHz/1MHz) = -16.66 dBm 10MHz above the Assigned channel Limit is -25+10*Log(430kHz/1MHz) = -28.66 dBm 10MHz below the Assigned channel Limit is -25+10*Log(430kHz/1MHz) = -28.66 dBm





Note: The signal of 9kHz is IF signal from test instrument.



4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

The power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

4.8.2 Test Instruments

Refer to section 4.1.3 to get information of above instrument.

4.8.3 Test Procedures

- a. The field strength was measured with Spectrum Analyzer.
- b. Measurement in the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.
- c. Perform a field strength measurement and then mathematically convert the measured field strength level to EIRP level.
- d. Follow ANSI 63.26 section 5.2.7 d), EIRP Value (dBm) = Read Value (dBµV/m) Correction Factor @ 3m
- e. Correction Factor (dB) @ 3m = 20log(D) 104.8; where D is the measurement distance @3m =-95.26dB

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.4 Deviation from Test Standard No deviation.



Test Setup 4.8.5 <Frequency Range below 1GHz> Ant. Tower 1-4m Variable 3m EUT& Support Units Turn Table 80cm 0 0 Ground Plane **Test Receiver** 0 0 0 0 Λ. 0 0 0 0 <Frequency Range above 1GHz> Ant. Tower 1-4m Variable EUT& 3m **Support Units Turn Table** Absorber 150cm Ο Ο Ground Plane **Test Receiver** 0 0 0 0 0000 For the actual test configuration, please refer to the attached file (Test Setup Photo).



4.8.6 Test Results Single Carrier

Below 1GHz Data :

5MHz

Mode		TX Low		Frequency Rang	je	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal a	t 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.58	35.8	-95.26	-59.46	-40	-19.46
2	84.36	32.6	-95.26	-62.66	-40	-22.66
3	111.48	38.38	-95.26	-56.88	-40	-16.88
4	148.73	32.41	-95.26	-62.85	-40	-22.85
5	196.76	33.31	-95.26	-61.95	-40	-21.95
6	423.45	28.56	-95.26	-66.70	-40	-26.70
		Antenna	Polarity & Test D	istance: Vertical at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.97	38.32	-95.26	-56.94	-40	-16.94
2	62.37	35.12	-95.26	-60.14	-40	-20.14
3	90.59	34.66	-95.26	-60.60	-40	-20.60
4	111.83	31.76	-95.26	-63.50	-40	-23.50
5	196.04	34.25	-95.26	-61.01	-40	-21.01
6	225.01	27.64	-95.26	-67.62	-40	-27.62

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle)	Frequency Rang	le	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal a	t 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.48	35.45	-95.26	-59.81	-40	-19.81
2	84.17	32.29	-95.26	-62.97	-40	-22.97
3	111.13	38	-95.26	-57.26	-40	-17.26
4	148.32	32.02	-95.26	-63.24	-40	-23.24
5	196.62	32.9	-95.26	-62.36	-40	-22.36
6	423.02	28.45	-95.26	-66.81	-40	-26.81
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.91	37.83	-95.26	-57.43	-40	-17.43
2	62.35	34.84	-95.26	-60.42	-40	-20.42
3	90.29	34.58	-95.26	-60.68	-40	-20.68
4	111.47	31.76	-95.26	-63.50	-40	-23.50
5	195.95	34.15	-95.26	-61.11	-40	-21.11
6	224.85	27.51	-95.26	-67.75	-40	-27.75

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	е	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.13	35.31	-95.26	-59.95	-40	-19.95
2	83.93	32.56	-95.26	-62.70	-40	-22.70
3	111.02	38.25	-95.26	-57.01	-40	-17.01
4	148.47	32	-95.26	-63.26	-40	-23.26
5	196.34	33.24	-95.26	-62.02	-40	-22.02
6	422.99	28.07	-95.26	-67.19	-40	-27.19
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.91	38.24	-95.26	-57.02	-40	-17.02
2	61.9	34.65	-95.26	-60.61	-40	-20.61
3	90.58	34.49	-95.26	-60.77	-40	-20.77
4	111.61	31.3	-95.26	-63.96	-40	-23.96
5	196	33.76	-95.26	-61.50	-40	-21.50
6	224.97	27.47	-95.26	-67.79	-40	-27.79

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



10MHz

Mode		TX Low		Frequency Rang	е	Below 1000 MHz
		·				
		Antenna F	Polarity & Test Dis	stance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.16	35.67	-95.26	-59.59	-40	-19.59
2	84.2	32.31	-95.26	-62.95	-40	-22.95
3	111.3	38.13	-95.26	-57.13	-40	-17.13
4	148.47	31.98	-95.26	-63.28	-40	-23.28
5	196.67	33.04	-95.26	-62.22	-40	-22.22
6	423.05	28.13	-95.26	-67.13	-40	-27.13
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.82	38.12	-95.26	-57.14	-40	-17.14
2	62.12	34.66	-95.26	-60.60	-40	-20.60
3	90.54	34.54	-95.26	-60.72	-40	-20.72
4	111.44	31.65	-95.26	-63.61	-40	-23.61
5	195.79	34.13	-95.26	-61.13	-40	-21.13
6	224.77	27.5	-95.26	-67.76	-40	-27.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle	9	Frequency Rang	е	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.52	35.46	-95.26	-59.80	-40	-19.80
2	83.95	32.47	-95.26	-62.79	-40	-22.79
3	111.01	38.34	-95.26	-56.92	-40	-16.92
4	148.72	32.34	-95.26	-62.92	-40	-22.92
5	196.41	32.99	-95.26	-62.27	-40	-22.27
6	423.04	28.25	-95.26	-67.01	-40	-27.01
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.93	38.29	-95.26	-56.97	-40	-16.97
2	61.91	34.8	-95.26	-60.46	-40	-20.46
3	90.42	34.34	-95.26	-60.92	-40	-20.92
4	111.54	31.66	-95.26	-63.60	-40	-23.60
5	196.03	33.93	-95.26	-61.33	-40	-21.33
6	224.81	27.37	-95.26	-67.89	-40	-27.89

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	е	Below 1000 MHz	
		Antenna F	Polarity & Test Dis	stance: Horizontal at	t 3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	42.1	35.63	-95.26	-59.63	-40	-19.63	
2	83.99	32.36	-95.26	-62.90	-40	-22.90	
3	111.38	38.08	-95.26	-57.18	-40	-17.18	
4	148.41	32	-95.26	-63.26	-40	-23.26	
5	196.3	33.2	-95.26	-62.06	-40	-22.06	
6	423.1	28.13	-95.26	-67.13	-40	-27.13	
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	43.79	38.12	-95.26	-57.14	-40	-17.14	
2	62.06	34.78	-95.26	-60.48	-40	-20.48	
3	90.15	34.58	-95.26	-60.68	-40	-20.68	
4	111.38	31.65	-95.26	-63.61	-40	-23.61	
5	195.98	33.98	-95.26	-61.28	-40	-21.28	
6	224.58	27.54	-95.26	-67.72	-40	-27.72	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



15MHz

Mode		TX Low		Frequency Rang	e	Below 1000 MHz
Mode		TX LOW		Trequency rung	0	
		Antenna F	Polarity & Test Dis	stance: Horizontal at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.23	35.74	-95.26	-59.52	-40	-19.52
2	83.89	32.42	-95.26	-62.84	-40	-22.84
3	111.21	38.33	-95.26	-56.93	-40	-16.93
4	148.28	31.97	-95.26	-63.29	-40	-23.29
5	196.72	33.04	-95.26	-62.22	-40	-22.22
6	423.24	28.14	-95.26	-67.12	-40	-27.12
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.77	38.16	-95.26	-57.10	-40	-17.10
2	62.07	35.06	-95.26	-60.20	-40	-20.20
3	90.16	34.19	-95.26	-61.07	-40	-21.07
4	111.75	31.29	-95.26	-63.97	-40	-23.97
5	195.87	34.08	-95.26	-61.18	-40	-21.18
6	224.64	27.43	-95.26	-67.83	-40	-27.83

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle)	Frequency Rang	e	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.12	35.74	-95.26	-59.52	-40	-19.52
2	84.16	32.44	-95.26	-62.82	-40	-22.82
3	111.11	38.25	-95.26	-57.01	-40	-17.01
4	148.5	32.01	-95.26	-63.25	-40	-23.25
5	196.76	33.14	-95.26	-62.12	-40	-22.12
6	423.11	28.11	-95.26	-67.15	-40	-27.15
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.58	37.93	-95.26	-57.33	-40	-17.33
2	62.22	35.09	-95.26	-60.17	-40	-20.17
3	90.55	34.33	-95.26	-60.93	-40	-20.93
4	111.49	31.68	-95.26	-63.58	-40	-23.58
5	195.66	33.81	-95.26	-61.45	-40	-21.45
6	224.65	27.29	-95.26	-67.97	-40	-27.97

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	e	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.08	35.62	-95.26	-59.64	-40	-19.64
2	84.35	32.46	-95.26	-62.80	-40	-22.80
3	111.28	38.08	-95.26	-57.18	-40	-17.18
4	148.67	32.11	-95.26	-63.15	-40	-23.15
5	196.44	33.1	-95.26	-62.16	-40	-22.16
6	423.44	28.56	-95.26	-66.70	-40	-26.70
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.72	38.16	-95.26	-57.10	-40	-17.10
2	62.02	34.88	-95.26	-60.38	-40	-20.38
3	90.38	34.21	-95.26	-61.05	-40	-21.05
4	111.62	31.67	-95.26	-63.59	-40	-23.59
5	195.8	33.82	-95.26	-61.44	-40	-21.44
6	224.73	27.27	-95.26	-67.99	-40	-27.99

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



20MHz

Mode		TX Low		Frequency Rang	е	Below 1000 MHz
		Antenna F	Polarity & Test Dis	tance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.56	35.69	-95.26	-59.57	-40	-19.57
2	83.95	32.36	-95.26	-62.90	-40	-22.90
3	111.31	38.11	-95.26	-57.15	-40	-17.15
4	148.68	32.12	-95.26	-63.14	-40	-23.14
5	196.32	33.19	-95.26	-62.07	-40	-22.07
6	423.27	28.31	-95.26	-66.95	-40	-26.95
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.53	38.28	-95.26	-56.98	-40	-16.98
2	61.92	34.71	-95.26	-60.55	-40	-20.55
3	90.5	34.65	-95.26	-60.61	-40	-20.61
4	111.67	31.73	-95.26	-63.53	-40	-23.53
5	195.61	33.78	-95.26	-61.48	-40	-21.48
6	224.74	27.43	-95.26	-67.83	-40	-27.83

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle		Frequency Rang	e	Below 1000 MHz
		Antenna F	Polarity & Test Dis	stance: Horizontal at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.31	35.5	-95.26	-59.76	-40	-19.76
2	84.05	32.27	-95.26	-62.99	-40	-22.99
3	111.04	37.88	-95.26	-57.38	-40	-17.38
4	148.39	32.17	-95.26	-63.09	-40	-23.09
5	196.58	32.9	-95.26	-62.36	-40	-22.36
6	422.98	28.29	-95.26	-66.97	-40	-26.97
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.7	38.13	-95.26	-57.13	-40	-17.13
2	61.88	34.71	-95.26	-60.55	-40	-20.55
3	90.59	34.27	-95.26	-60.99	-40	-20.99
4	111.39	31.69	-95.26	-63.57	-40	-23.57
5	195.93	33.81	-95.26	-61.45	-40	-21.45
6	224.8	27.41	-95.26	-67.85	-40	-27.85

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	е	Below 1000 MHz
		Antenna F	Polarity & Test Dis	tance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.29	35.45	-95.26	-59.81	-40	-19.81
2	83.95	32.34	-95.26	-62.92	-40	-22.92
3	111.4	38.03	-95.26	-57.23	-40	-17.23
4	148.69	32.09	-95.26	-63.17	-40	-23.17
5	196.26	33.16	-95.26	-62.10	-40	-22.10
6	423.44	28.21	-95.26	-67.05	-40	-27.05
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.59	38.3	-95.26	-56.96	-40	-16.96
2	62.2	34.74	-95.26	-60.52	-40	-20.52
3	90.17	34.18	-95.26	-61.08	-40	-21.08
4	111.63	31.61	-95.26	-63.65	-40	-23.65
5	195.9	33.76	-95.26	-61.50	-40	-21.50
6	224.69	27.15	-95.26	-68.11	-40	-28.11

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



20MHz+20MHz

Mode		Worse cas	se	Frequency Rang	е	Below 1000 MHz
		Antenna F	Polarity & Test Dis	tance: Horizontal at	: 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	42.5	35.48	-95.26	-59.78	-40	-19.78
2	84.22	32.19	-95.26	-63.07	-40	-23.07
3	111.01	38.05	-95.26	-57.21	-40	-17.21
4	148.56	32.06	-95.26	-63.20	-40	-23.20
5	196.3	33.21	-95.26	-62.05	-40	-22.05
6	423.34	28.29	-95.26	-66.97	-40	-26.97
		Antenna	Polarity & Test D	istance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	43.64	35.47	-95.26	-59.79	-40	-19.79
2	62.29	32.24	-95.26	-63.02	-40	-23.02
3	90.18	38.09	-95.26	-57.17	-40	-17.17
4	111.65	31.91	-95.26	-63.35	-40	-23.35
5	196.02	33.18	-95.26	-62.08	-40	-22.08
6	224.53	28.55	-95.26	-66.71	-40	-26.71

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Above 1GHz Data :

5MHz

SIVINZ						
Mode		TX Low	Low Frequency Range		je	Above 1000 MHz
		Antenna Polar	ity & Test Distan	ce: Horizontal a	t 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7105	36.77	-95.26	-58.49	-40	-18.49
2	10657.5	43.07	-95.26	-52.19	-40	-12.19
3	14210	46.52	-95.26	-48.74	-40	-8.74
4	17762.5	48.52	-95.26	-46.74	-40	-6.74
		Antenna Pola	arity & Test Dista	nce: Vertical at	3 M	
	_					

No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7105	36.74	-95.26	-58.52	-40	-18.52
2	10657.5	43.01	-95.26	-52.25	-40	-12.25
3	14210	46.17	-95.26	-49.09	-40	-9.09
4	17762.5	48.39	-95.26	-46.87	-40	-6.87

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle	Frequency Range			Above 1000 MHz
		Antenna Polar	rity & Test Distar	nce: Horizontal at	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	36.73	-95.26	-58.53	-40	-18.53
2	10875	42.63	-95.26	-52.63	-40	-12.63
3	14500	46.3	-95.26	-48.96	-40	-8.96
4	18125	48.18	-95.26	-47.08	-40	-7.08
		Antenna Pola	arity & Test Dista	ance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7250	36.58	-95.26	-58.68	-40	-18.68
2	10875	42.93	-95.26	-52.33	-40	-12.33
3	14500	46.5	-95.26	-48.76	-40	-8.76
4	18125	48.34	-95.26	-46.92	-40	-6.92

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High	TX High F		е	Above 1000 MHz	
		Antenna Polar	ity & Test Distan	ce: Horizontal at	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7395	36.56	-95.26	-58.70	-40	-18.70	
2	11092.5	42.65	-95.26	-52.61	-40	-12.61	
3	14790	46.49	-95.26	-48.77	-40	-8.77	
4	18487.5	48.38	-95.26	-46.88	-40	-6.88	
		Antenna Pola	arity & Test Dista	ince: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7395	36.49	-95.26	-58.77	-40	-18.77	
2	11092.5	42.93	-95.26	-52.33	-40	-12.33	
3	14790	46.17	-95.26	-49.09	-40	-9.09	
4	18487.5	48.36	-95.26	-46.90	-40	-6.90	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



10MHz

Mode	Mode TX Low		Frequency Range		le	Above 1000 MHz
		Antenna Polar	ity & Test Distan	ce: Horizontal at	t 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7110	36.36	-95.26	-58.90	-40	-18.90
2	10665	42.75	-95.26	-52.51	-40	-12.51
3	14220	46.18	-95.26	-49.08	-40	-9.08
4	17775	48.03	-95.26	-47.23	-40	-7.23
		Antenna Pola	arity & Test Dista	nce: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7110	36.53	-95.26	-58.73	-40	-18.73
2	10665	42.77	-95.26	-52.49	-40	-12.49
3	14220	46.03	-95.26	-49.23	-40	-9.23
4	17775	48.5	-95.26	-46.76	-40	-6.76

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle	TX Middle		je	Above 1000 MHz	
		Antenna Polar	ity & Test Dista	nce: Horizontal at	t 3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.49	-95.26	-58.77	-40	-18.77	
2	10875	42.64	-95.26	-52.62	-40	-12.62	
3	14500	46.46	-95.26	-48.80	-40	-8.80	
4	18125	48.49	-95.26	-46.77	-40	-6.77	
		Antenna Pola	arity & Test Dist	ance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.28	-95.26	-58.98	-40	-18.98	
2	10875	42.67	-95.26	-52.59	-40	-12.59	
3	14500	46.11	-95.26	-49.15	-40	-9.15	
4	18125	48.1	-95.26	-47.16	-40	-7.16	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	е	Above 1000 MHz	
		Antenna Pola	rity & Test Distar	nce: Horizontal at	: 3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7390	36.48	-95.26	-58.78	-40	-18.78	
2	11085	42.93	-95.26	-52.33	-40	-12.33	
3	14780	46.17	-95.26	-49.09	-40	-9.09	
4	18475	48.19	-95.26	-47.07	-40	-7.07	
		Antenna Pola	arity & Test Dista	ance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7390	36.49	-95.26	-58.77	-40	-18.77	
2	11085	42.94	-95.26	-52.32	-40	-12.32	
3	14780	46.12	-95.26	-49.14	-40	-9.14	
4	18475	48.22	-95.26	-47.04	-40	-7.04	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



15MHz

Mode		TXLow	TX Low		Frequency Range	
mouo				riequeriej riang	,0	Above 1000 MHz
		Antenna Polar	ity & Test Distar	nce: Horizontal at	t 3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7115	36.36	-95.26	-58.90	-40	-18.90
2	10672.5	42.66	-95.26	-52.60	-40	-12.60
3	14230	46.42	-95.26	-48.84	-40	-8.84
4	17787.5	48.1	-95.26	-47.16	-40	-7.16
		Antenna Pola	arity & Test Dista	ance: Vertical at 3	3 M	
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)
1	7115	36.5	-95.26	-58.76	-40	-18.76
2	10672.5	42.99	-95.26	-52.27	-40	-12.27
3	14230	46.23	-95.26	-49.03	-40	-9.03
4	17787.5	48.1	-95.26	-47.16	-40	-7.16

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX Middle		Frequency Rang	е	Above 1000 MHz	
		Antenna Pola	rity & Test Dista	nce: Horizontal at	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.28	-95.26	-58.98	-40	-18.98	
2	10875	42.68	-95.26	-52.58	-40	-12.58	
3	14500	46.5	-95.26	-48.76	-40	-8.76	
4	18125	48.36	-95.26	-46.90	-40	-6.90	
		Antenna Pol	arity & Test Dist	ance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.66	-95.26	-58.60	-40	-18.60	
2	10875	43.01	-95.26	-52.25	-40	-12.25	
3	14500	46.13	-95.26	-49.13	-40	-9.13	
4	18125	48.12	-95.26	-47.14	-40	-7.14	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode		TX High		Frequency Rang	e	Above 1000 MHz	
		Antenna Polar	ity & Test Distan	ce: Horizontal at	: 3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7385	36.57	-95.26	-58.69	-40	-18.69	
2	11077.5	42.69	-95.26	-52.57	-40	-12.57	
3	14770	46.2	-95.26	-49.06	-40	-9.06	
4	18462.5	48.06	-95.26	-47.20	-40	-7.20	
		Antenna Pola	arity & Test Dista	nce: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7385	36.28	-95.26	-58.98	-40	-18.98	
2	11077.5	42.69	-95.26	-52.57	-40	-12.57	
3	14770	46.27	-95.26	-48.99	-40	-8.99	
4	18462.5	48.11	-95.26	-47.15	-40	-7.15	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



20MHz

Mode TX Low		TX Low		Frequency Range		Above 1000 MHz	
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7120	36.63	-95.26	-58.63	-40	-18.63	
2	10680	42.63	-95.26	-52.63	-40	-12.63	
3	14240	46.04	-95.26	-49.22	-40	-9.22	
4	17800	48.19	-95.26	-47.07	-40	-7.07	
		Antenna Pola	arity & Test Dist	ance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7120	36.62	-95.26	-58.64	-40	-18.64	
2	10680	42.71	-95.26	-52.55	-40	-12.55	
3	14240	46.15	-95.26	-49.11	-40	-9.11	
4	17800	48.32	-95.26	-46.94	-40	-6.94	

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode TX Middle		Frequency Range		Above 1000 MHz			
Antenna Polarity & Test Distance: Horizontal at 3 M							
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.71	-95.26	-58.55	-40	-18.55	
2	10875	42.91	-95.26	-52.35	-40	-12.35	
3	14500	46.5	-95.26	-48.76	-40	-8.76	
4	18125	48.32	-95.26	-46.94	-40	-6.94	
		Antenna Pol	arity & Test Dist	ance: Vertical at 3	3 M		
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	7250	36.69	-95.26	-58.57	-40	-18.57	
2	10875	42.68	-95.26	-52.58	-40	-12.58	
3	14500	46.3	-95.26	-48.96	-40	-8.96	
4	18125	48.27	-95.26	-46.99	-40	-6.99	

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



Mode TX High		Frequency Range		Above 1000 MHz				
Antenna Polarity & Test Distance: Horizontal at 3 M								
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)		
1	7380	36.68	-95.26	-58.58	-40	-18.58		
2	11070	42.84	-95.26	-52.42	-40	-12.42		
3	14760	46.32	-95.26	-48.94	-40	-8.94		
4	18450	48.31	-95.26	-46.95	-40	-6.95		
		Antenna Pola	arity & Test Dista	ance: Vertical at 3	3 M			
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)		
1	7380	36.66	-95.26	-58.60	-40	-18.60		
2	11070	43.03	-95.26	-52.23	-40	-12.23		
3	14760	46.13	-95.26	-49.13	-40	-9.13		
4	18450	48.1	-95.26	-47.16	-40	-7.16		

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



20MHz+20MHz

Mode		Worse case		Frequency Range		Above 1000 MHz		
Antenna Polarity & Test Distance: Horizontal at 3 M								
	Freq.	Reading	Correction	Emission	Limit	Margin (dP)		
No.	(MHz)	(dB	Factor (dB)	Value (dBm)	(dBm)	Margin (dB)		
1	7120	36.52	-95.26	-58.74	-40	-18.74		
2	10680	36.55	-95.26	-58.71	-40	-18.71		
3	14240	42.32	-95.26	-52.94	-40	-12.94		
4	17800	43.33	-95.26	-51.93	-40	-11.93		
Antenna Polarity & Test Distance: Vertical at 3 M								
No.	Freq. (MHz)	Reading (dB μ V/m)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)		
1	7120	36.52	-95.26	-58.74	-40	-18.74		
2	10680	36.55	-95.26	-58.71	-40	-18.71		
3	14240	42.32	-95.26	-52.94	-40	-12.94		
4	17800	43.33	-95.26	-51.93	-40	-11.93		
4		43.33	-95.26	-51.93	-40	-11.93		

Remarks:

1. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dBµV/m) + Correction Factor @ 3m.



5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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