

LTE Band 5 3MHz QPSK	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4788372835									
	Date: 2018-02-27									
	Test Engineer: 45585									
	Configuration: EUT / Adapter / Earphone , X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 5 Harmonics, 3MHz Bandwidth									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 825.5MHz									
	1651.00	-6.8	V	3.0	43.6	1.0	-49.4	-13.0	-36.4	
	2476.50	-7.6	V	3.0	43.4	1.0	-50.0	-13.0	-37.0	
	3302.00	-7.3	V	3.0	43.6	1.0	-49.9	-13.0	-36.9	
	1651.00	-6.4	H	3.0	43.6	1.0	-49.0	-13.0	-36.0	
	2476.50	-7.0	H	3.0	43.4	1.0	-49.4	-13.0	-36.4	
	3302.00	-7.5	H	3.0	43.6	1.0	-50.1	-13.0	-37.1	
	Mid Ch, 836.5MHz									
	1673.00	-9.3	V	3.0	43.6	1.0	-51.9	-13.0	-38.9	
	2509.50	-5.8	V	3.0	43.4	1.0	-48.2	-13.0	-35.2	
3346.00	-8.4	V	3.0	43.6	1.0	-51.0	-13.0	-38.0		
1673.00	-8.1	H	3.0	43.6	1.0	-50.7	-13.0	-37.7		
2509.50	-9.4	H	3.0	43.4	1.0	-51.9	-13.0	-38.9		
3346.00	-7.7	H	3.0	43.6	1.0	-50.3	-13.0	-37.3		
High Ch, 847.5MHz										
1695.00	-6.8	V	3.0	43.6	1.0	-49.4	-13.0	-36.4		
2542.50	-9.4	V	3.0	43.4	1.0	-51.8	-13.0	-38.8		
3390.00	-8.7	V	3.0	43.7	1.0	-51.4	-13.0	-38.4		
1695.00	-6.3	H	3.0	43.6	1.0	-48.9	-13.0	-35.9		
2542.50	-8.7	H	3.0	43.4	1.0	-51.2	-13.0	-38.2		
3390.00	-8.0	H	3.0	43.7	1.0	-50.7	-13.0	-37.7		
LTE Band 5 3MHz 16QAM	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4788372835									
	Date: 2018-02-27									
	Test Engineer: 45585									
	Configuration: EUT / Adapter / Earphone , X-Position									
	Location: Chamber 1									
	Mode: LTE_16QAM Band 5 Harmonics, 3MHz Bandwidth									
	f MHz	SG reading (dBm)	Ant. Pol. (H/V)	Distance (m)	Preamp (dB)	Filter (dB)	EIRP (dBm)	Limit (dBm)	Delta (dB)	Notes
	Low Ch, 825.5MHz									
	1651.00	-6.4	V	3.0	43.6	1.0	-49.0	-13.0	-36.0	
	2476.50	-7.2	V	3.0	43.4	1.0	-49.6	-13.0	-36.6	
	3302.00	-7.8	V	3.0	43.6	1.0	-50.4	-13.0	-37.4	
	1651.00	-6.2	H	3.0	43.6	1.0	-48.8	-13.0	-35.8	
	2476.50	-6.7	H	3.0	43.4	1.0	-49.1	-13.0	-36.1	
	3302.00	-7.6	H	3.0	43.6	1.0	-50.2	-13.0	-37.2	
	Mid Ch, 836.5MHz									
	1673.00	-8.8	V	3.0	43.6	1.0	-51.4	-13.0	-38.4	
	2509.50	-5.3	V	3.0	43.4	1.0	-47.8	-13.0	-34.8	
3346.00	-8.4	V	3.0	43.6	1.0	-51.0	-13.0	-38.0		
1673.00	-8.4	H	3.0	43.6	1.0	-51.0	-13.0	-38.0		
2509.50	-9.4	H	3.0	43.4	1.0	-51.8	-13.0	-38.8		
3346.00	-7.8	H	3.0	43.6	1.0	-50.4	-13.0	-37.4		
High Ch, 847.5MHz										
1695.00	-5.5	V	3.0	43.6	1.0	-48.1	-13.0	-35.1		
2542.50	-9.4	V	3.0	43.4	1.0	-51.8	-13.0	-38.8		
3390.00	-8.4	V	3.0	43.7	1.0	-51.1	-13.0	-38.1		
1695.00	-5.4	H	3.0	43.6	1.0	-47.9	-13.0	-34.9		
2542.50	-9.2	H	3.0	43.4	1.0	-51.7	-13.0	-38.7		
3390.00	-8.3	H	3.0	43.7	1.0	-51.0	-13.0	-38.0		

LTE Band 5 1.4MHz QPSK	UL Verification Services, Inc. Above 1GHz High Frequency Substitution Measurement									
	Company: Samsung									
	Project #: 4788372835									
	Date: 2018-02-27									
	Test Engineer: 45585									
	Configuration: EUT / Adapter / Earphone , X-Position									
	Location: Chamber 1									
	Mode: LTE_QPSK Band 5 Harmonics, 1.4MHz Bandwidth									
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